



1/39

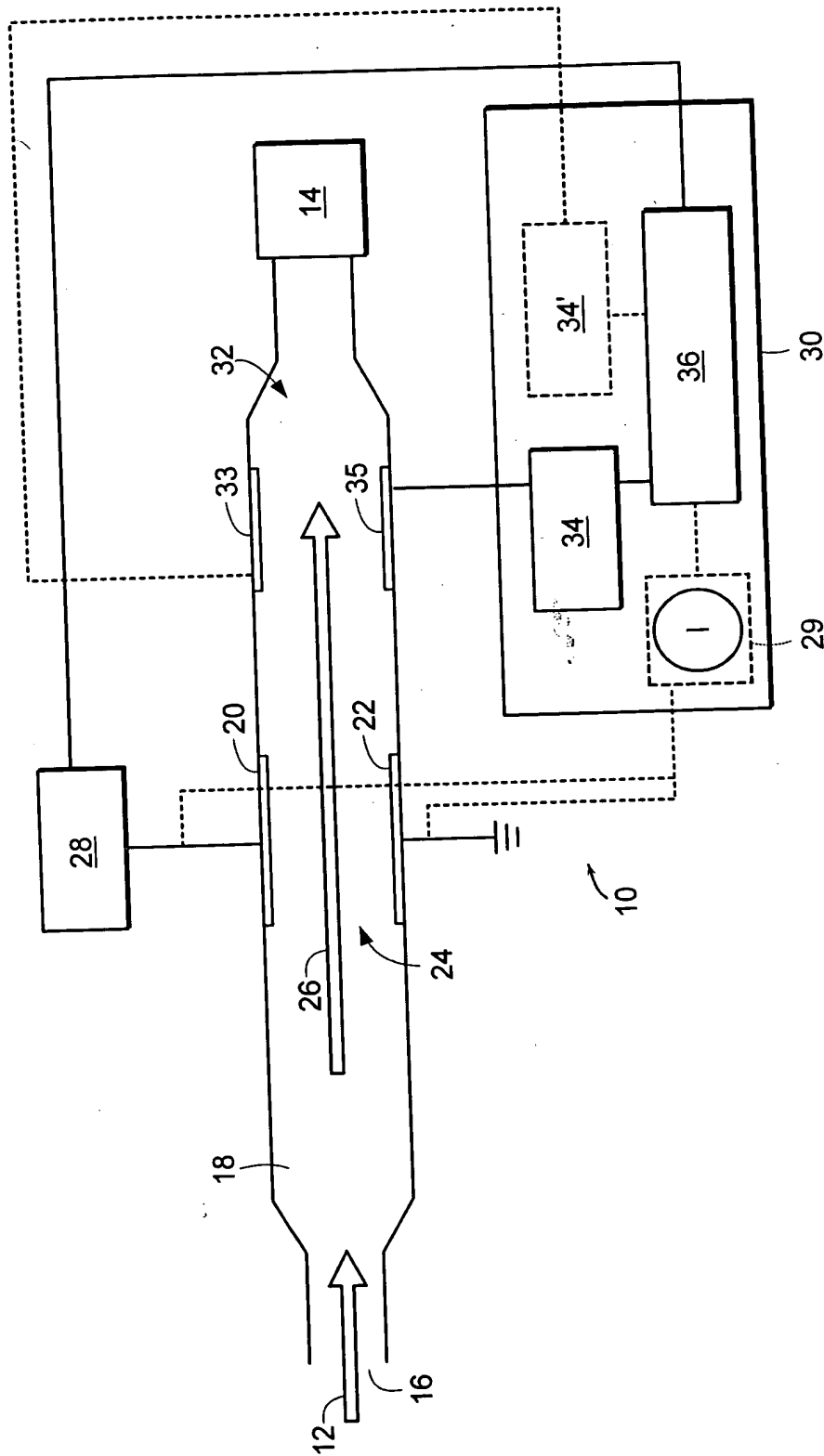


FIG. 1A

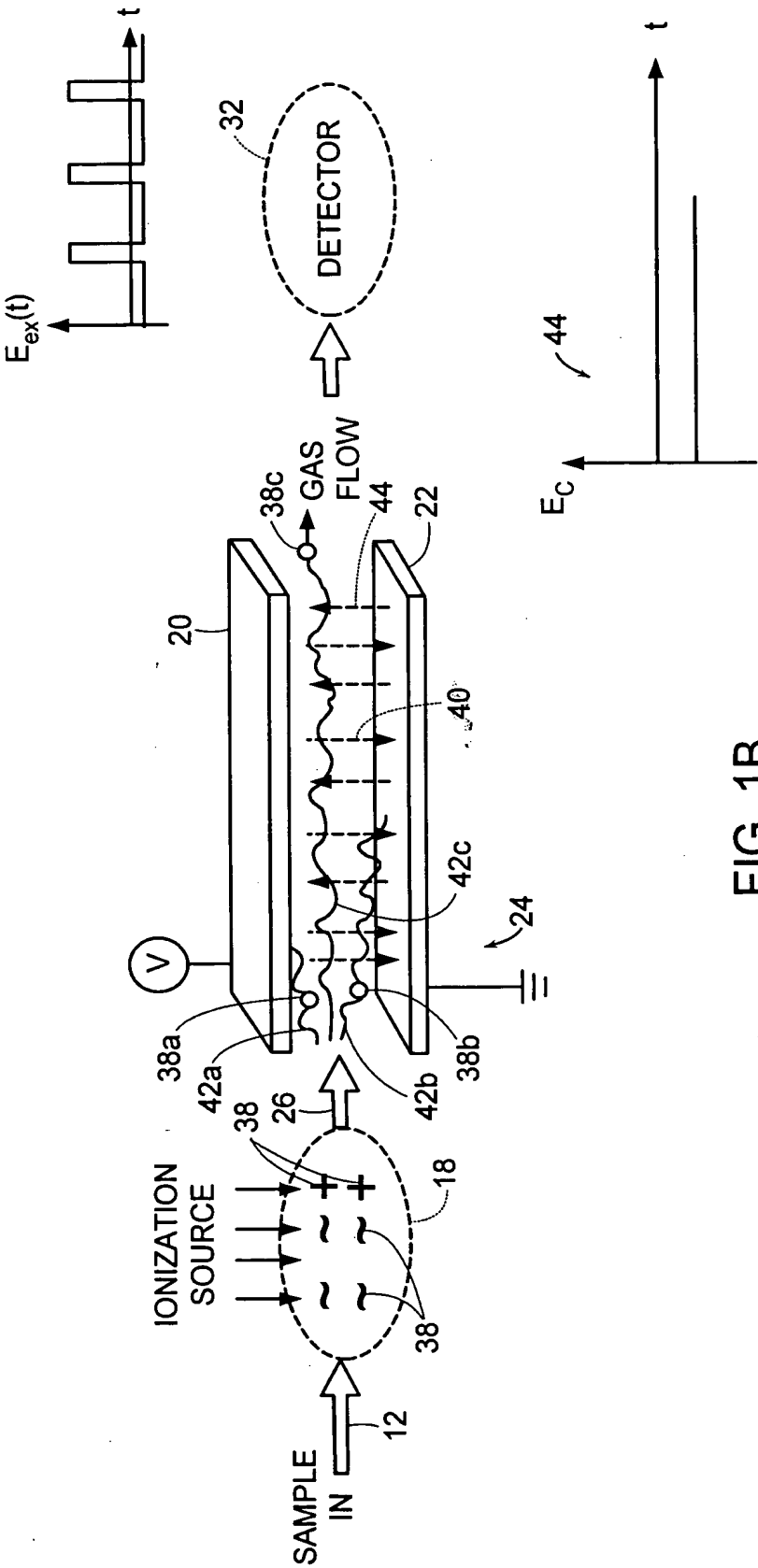


FIG. 1B

3/39

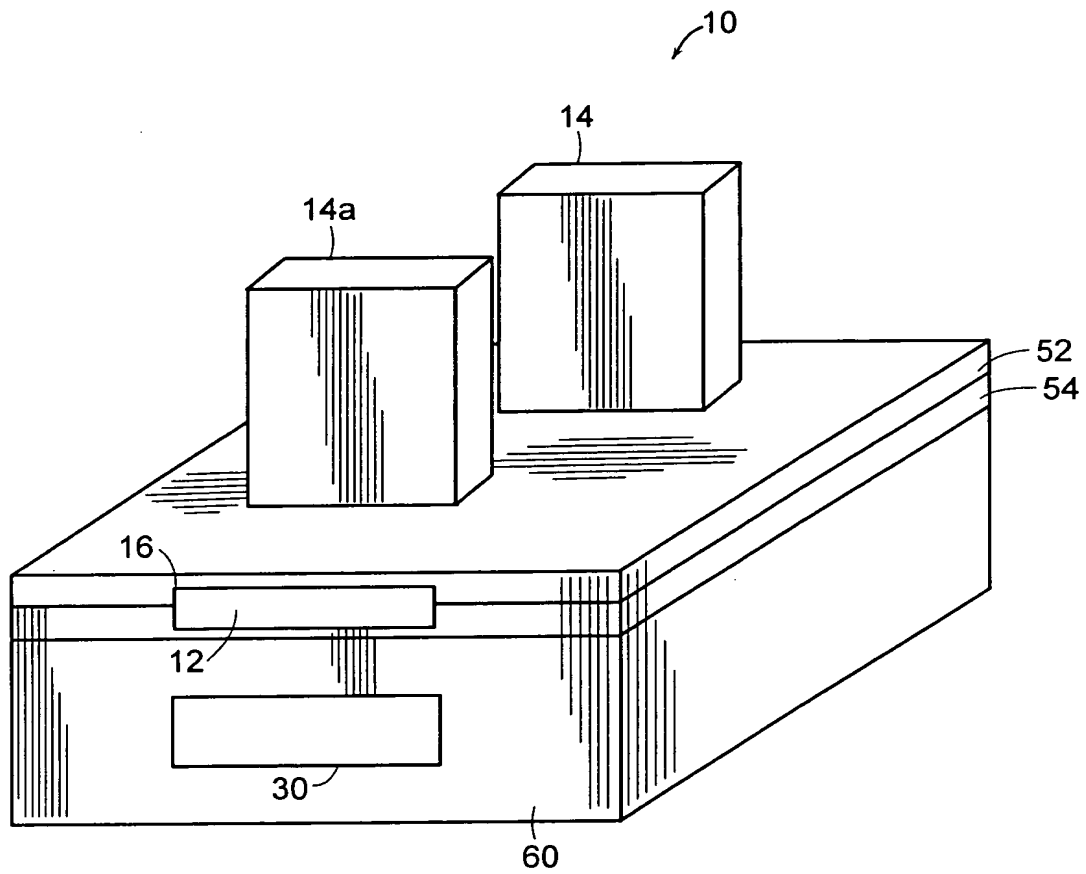


FIG. 1C

4/39

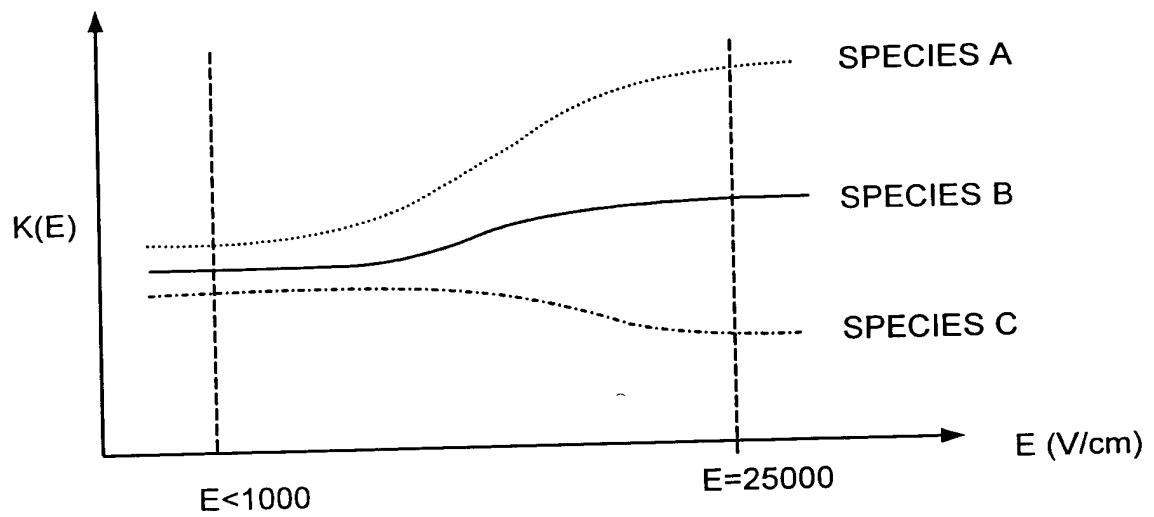


FIG. 2

5/39

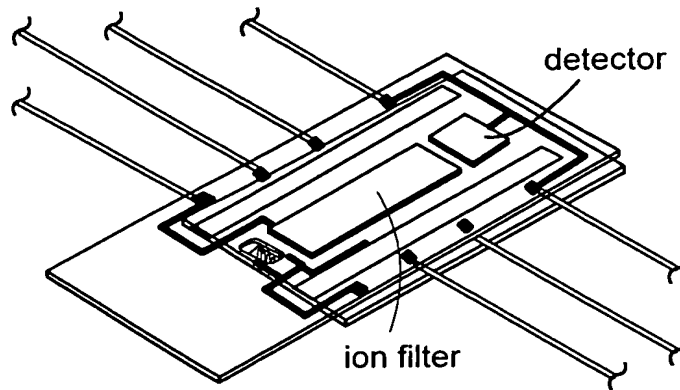


FIG. 3A

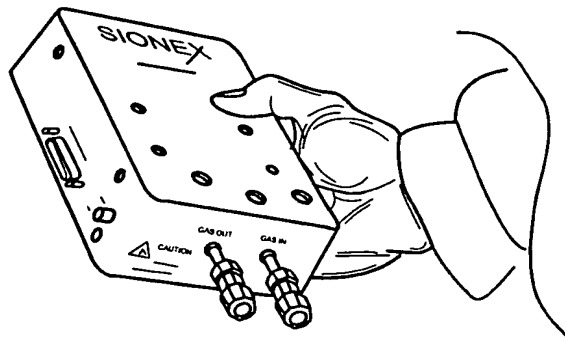


FIG. 3B

6/39

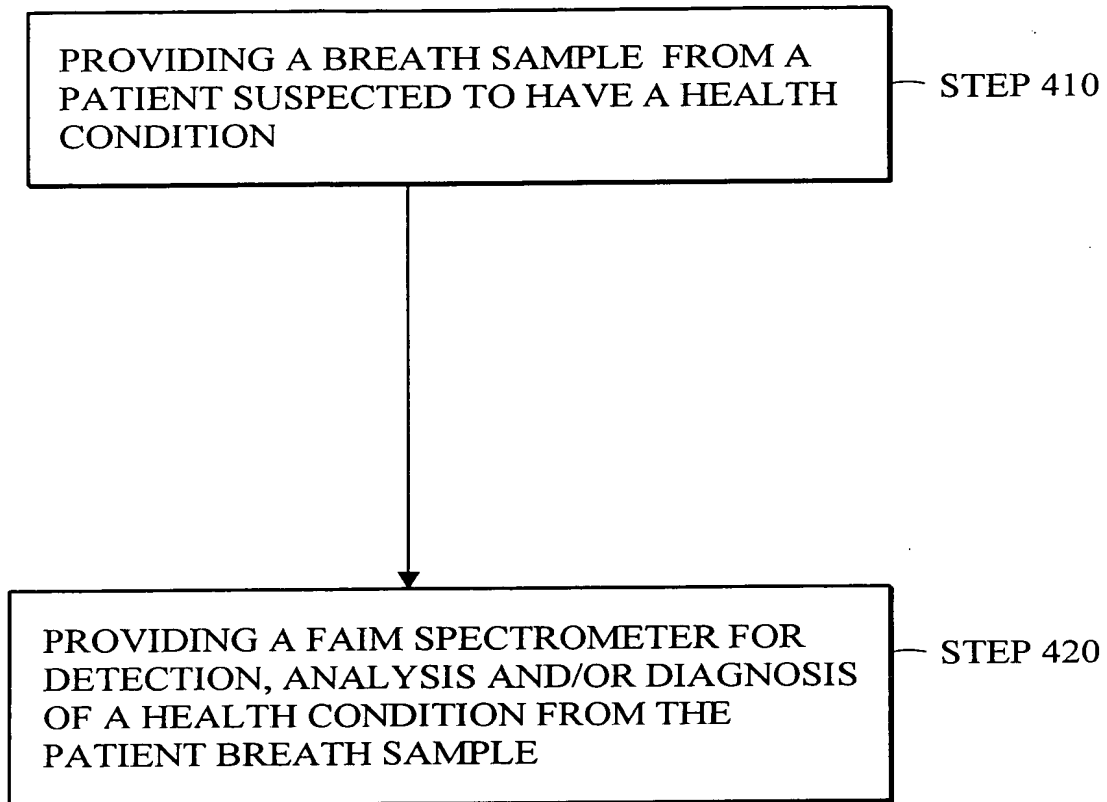


FIG. 4

7/39

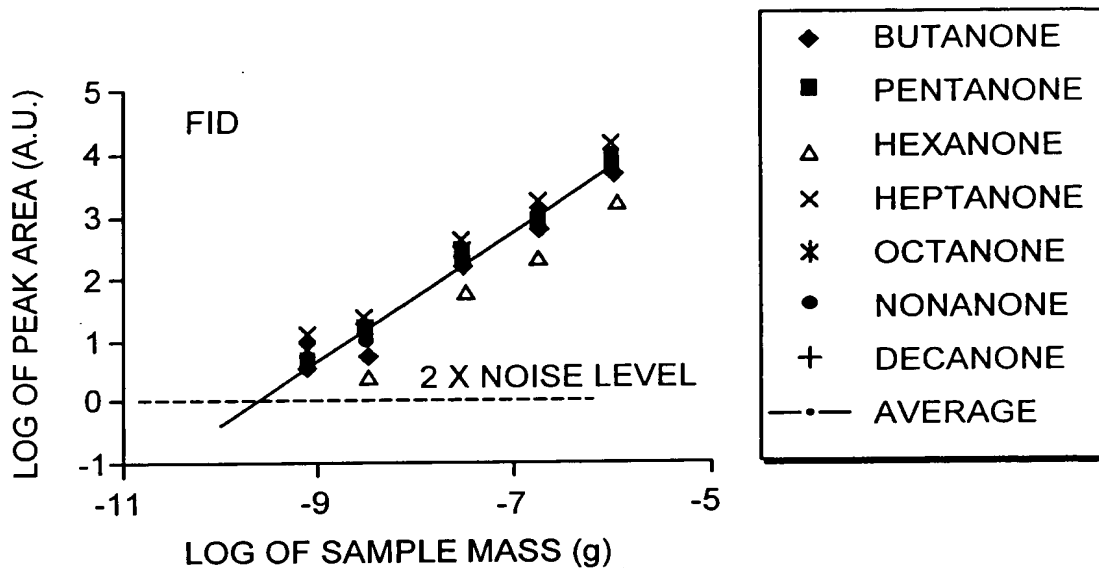


FIG. 5A

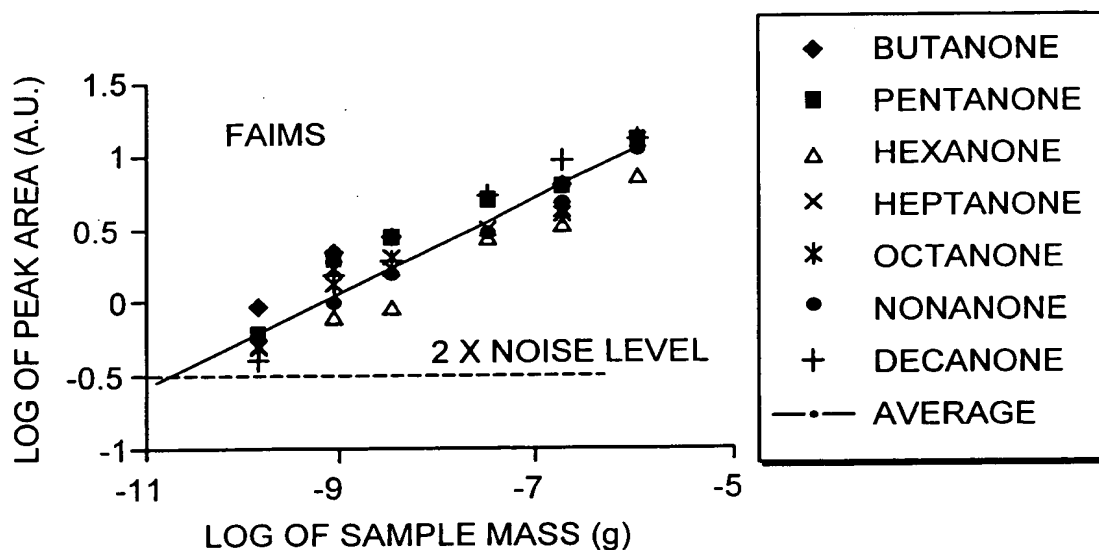


FIG. 5B

8/39

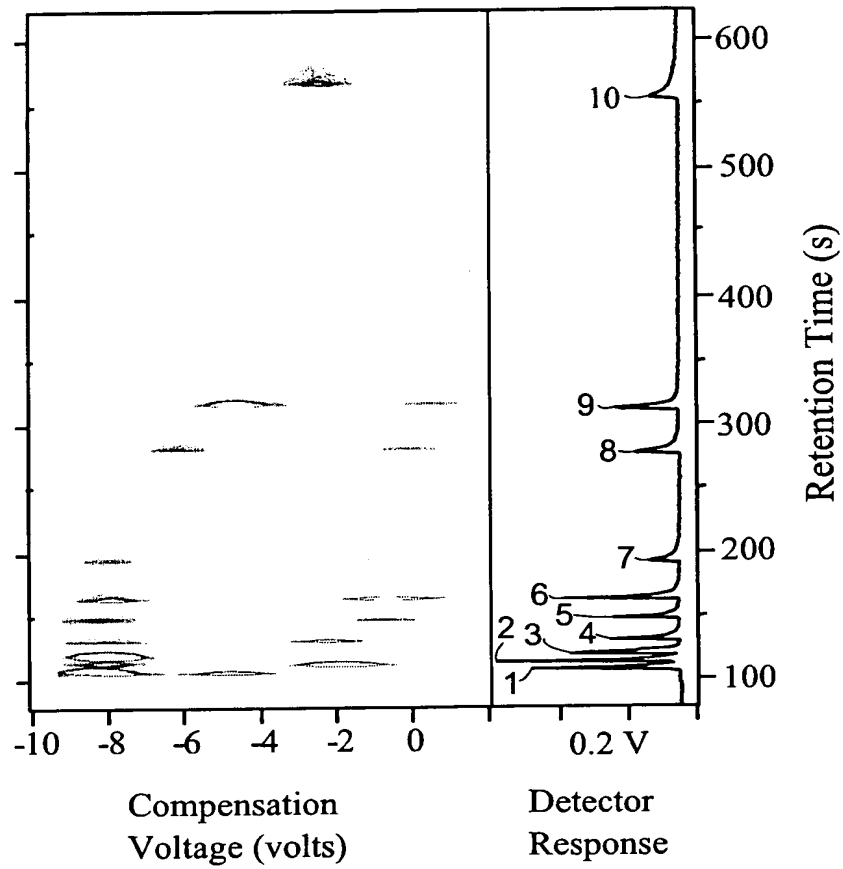
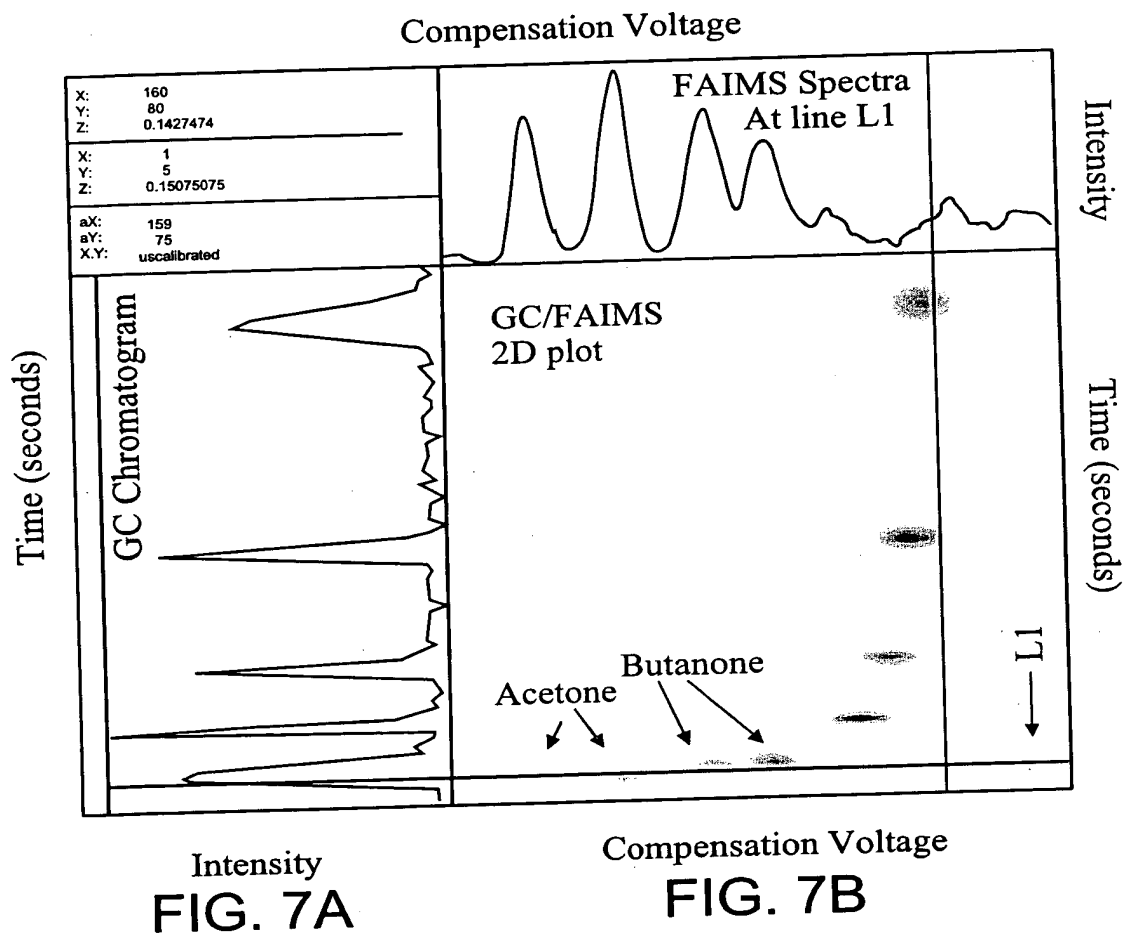


FIG. 6A

FIG. 6B



9/39



FAIMS Response for Ketones (5 injections)  
Butanone 6.4%, Petanone 4.7%, Impurity 7.6%,  
Hexanone 3.9%, Heptanone 6.6%, Octanone 6.2%,  
Nonanone 7.9%, Decanone 4.6%

FID Response for Ketones (8 injections)  
Butanone 6.6%, Petanone 4.7%, Hexanone 10.6%,  
Heptanone 4.9%, Octanone 6.7%, Nonanone 6.4%,  
Decanone 3.5%

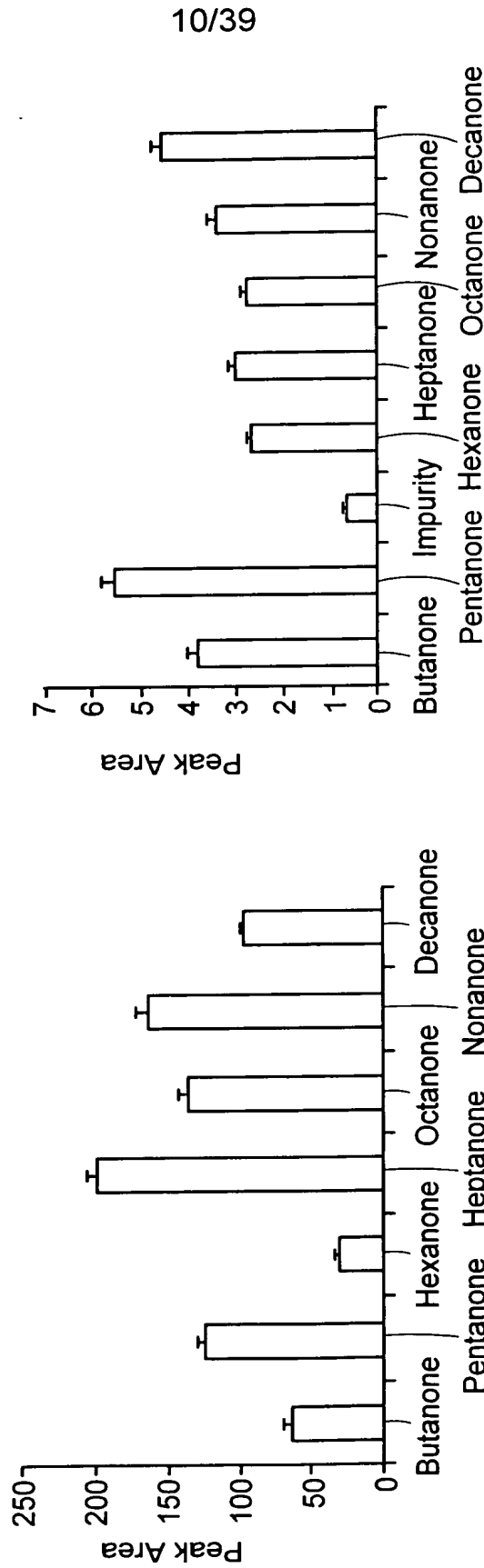


FIG. 8B

FIG. 8A

11/39

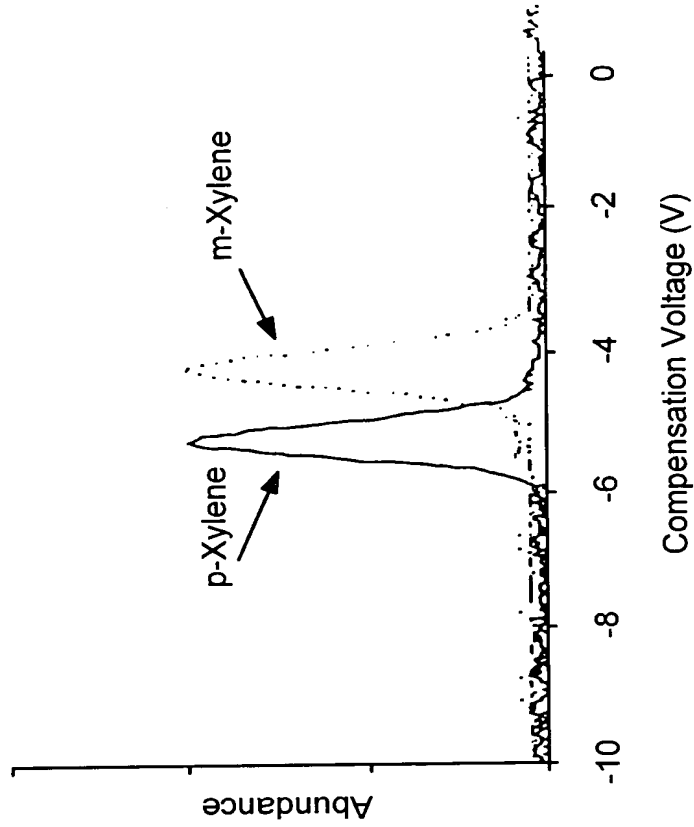


FIG. 9B

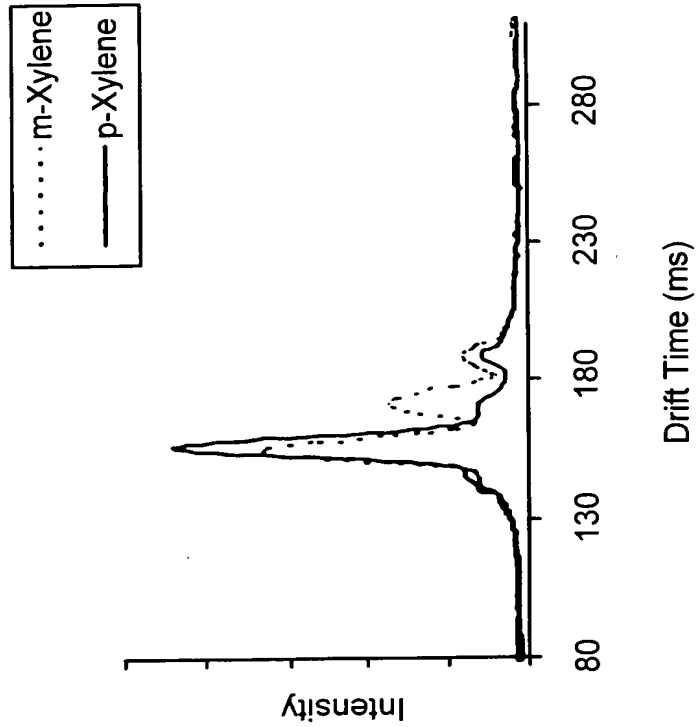


FIG. 9A

12/39

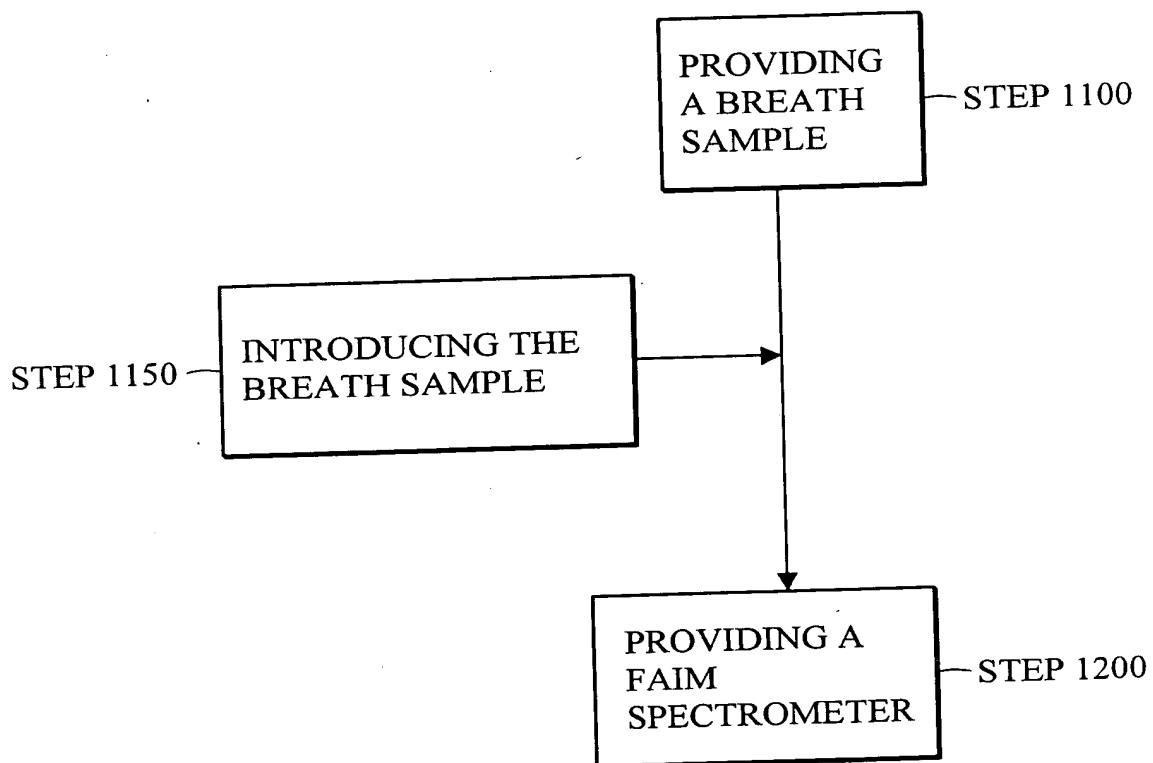


FIG. 10

13/39

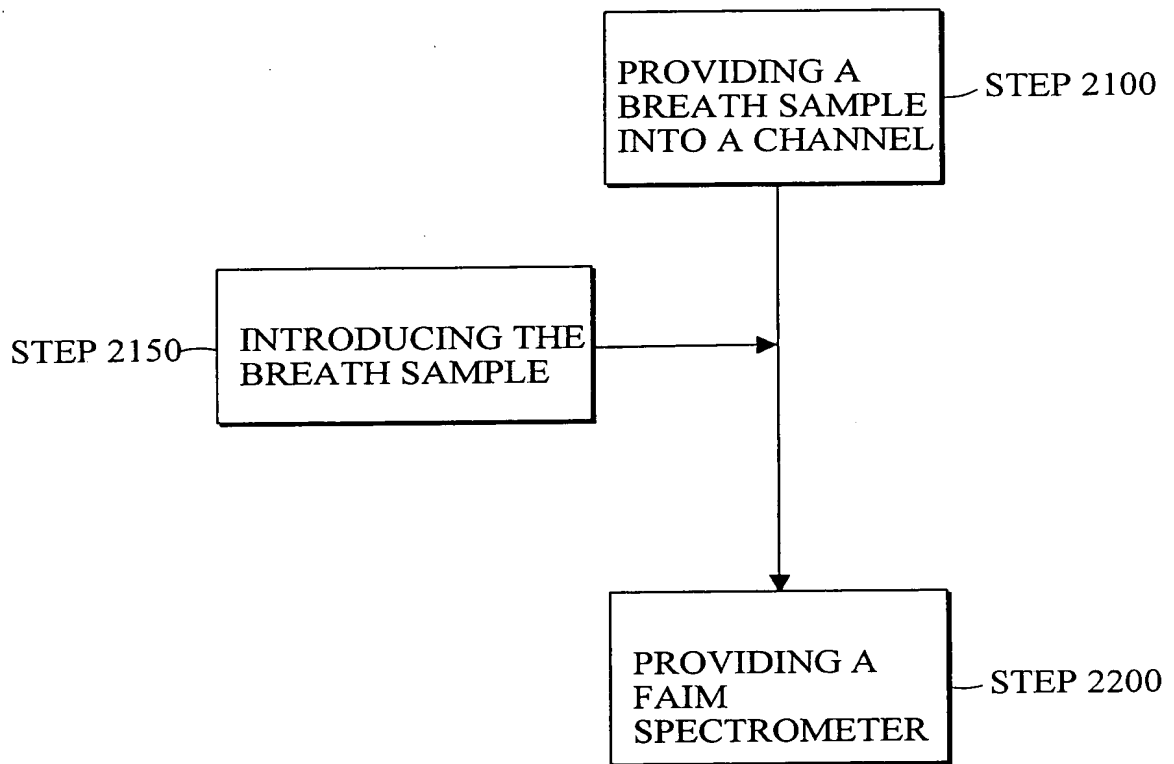


FIG. 11

14/39

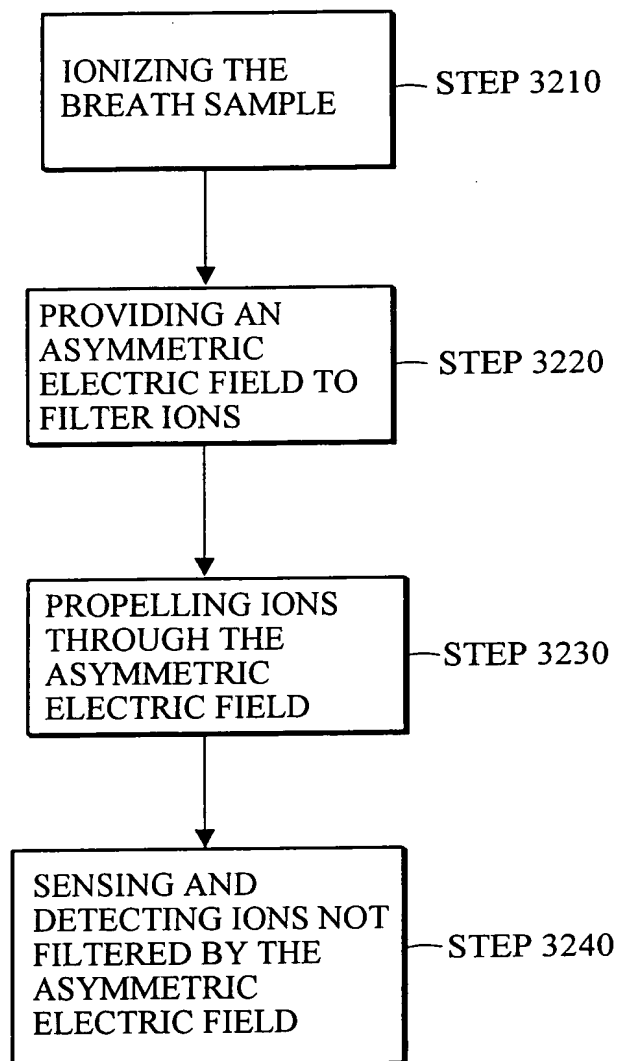


FIG. 12A

15/39

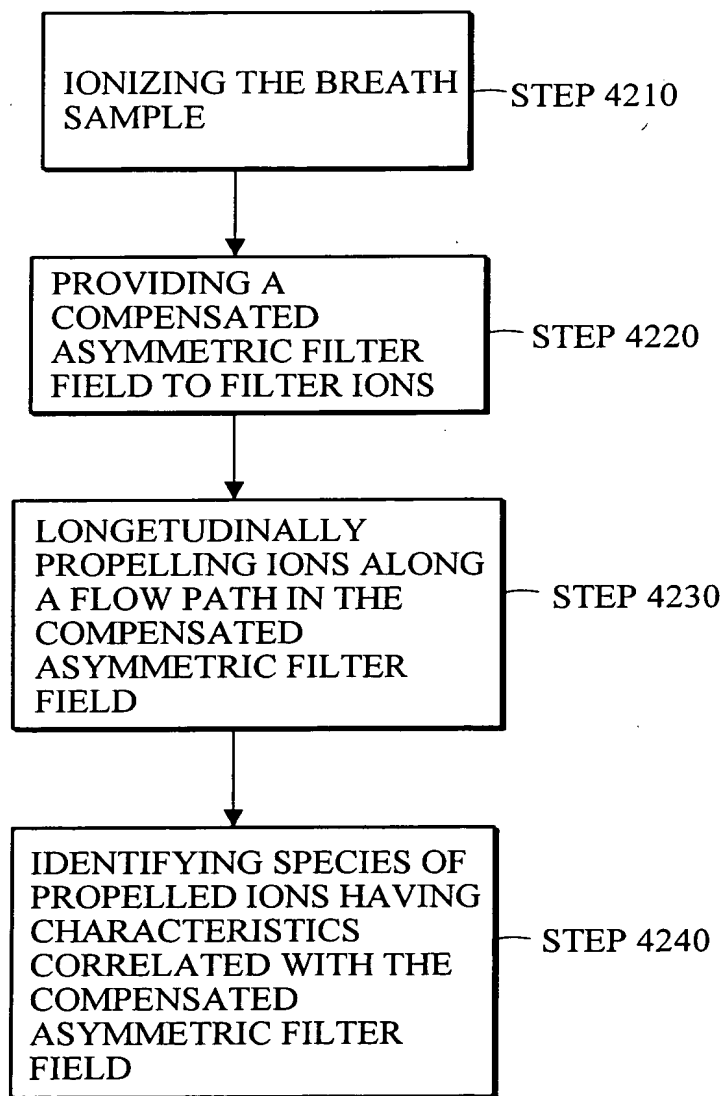


FIG. 12B

16/39

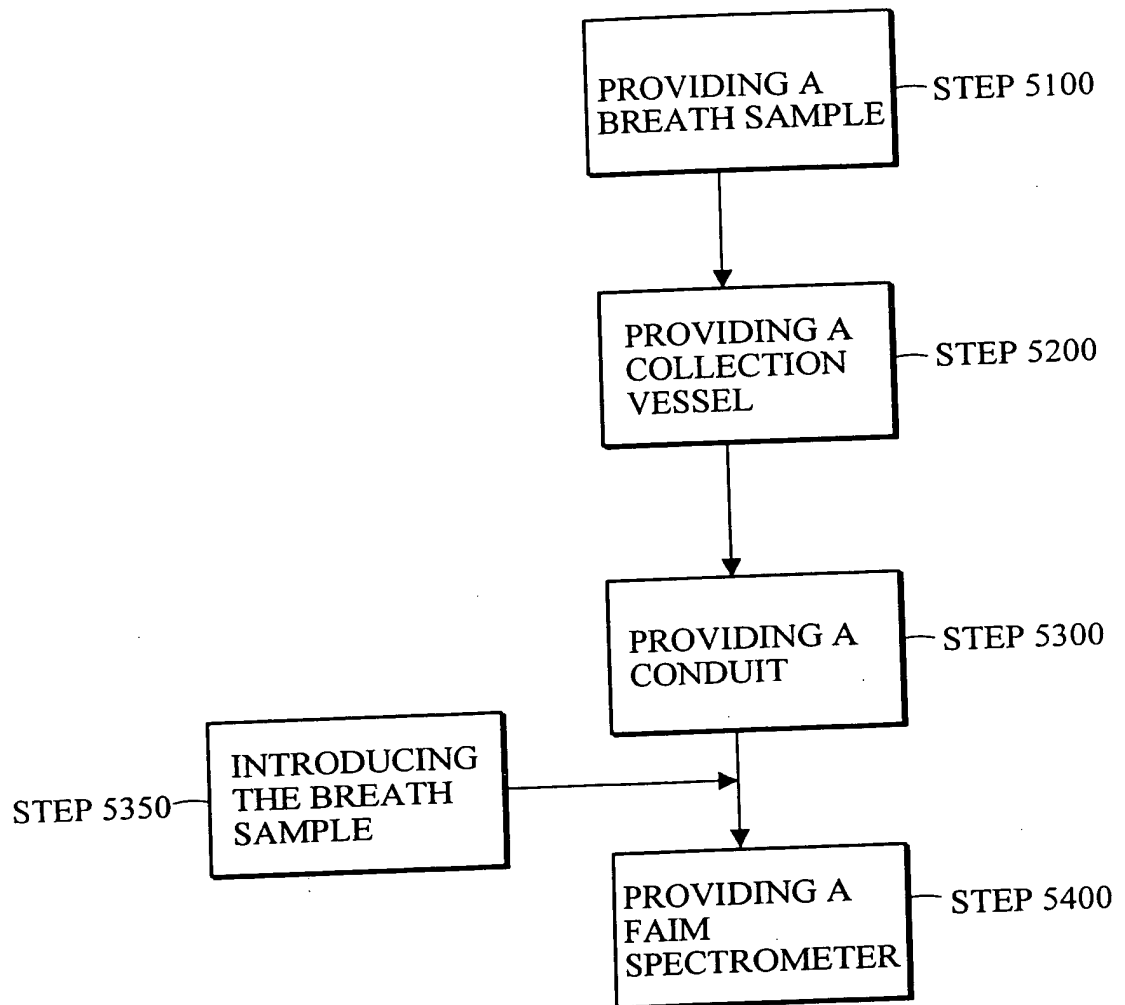


FIG. 13



17/39

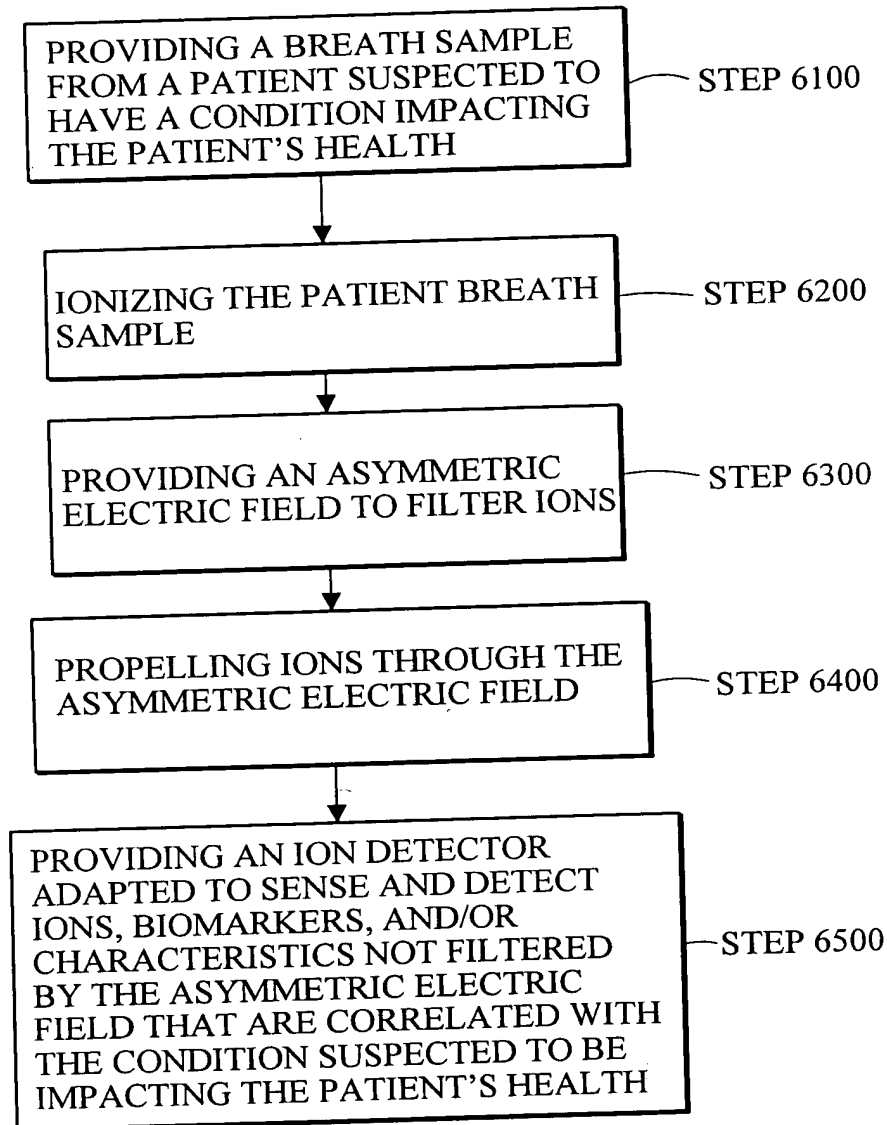


FIG. 14

18/39

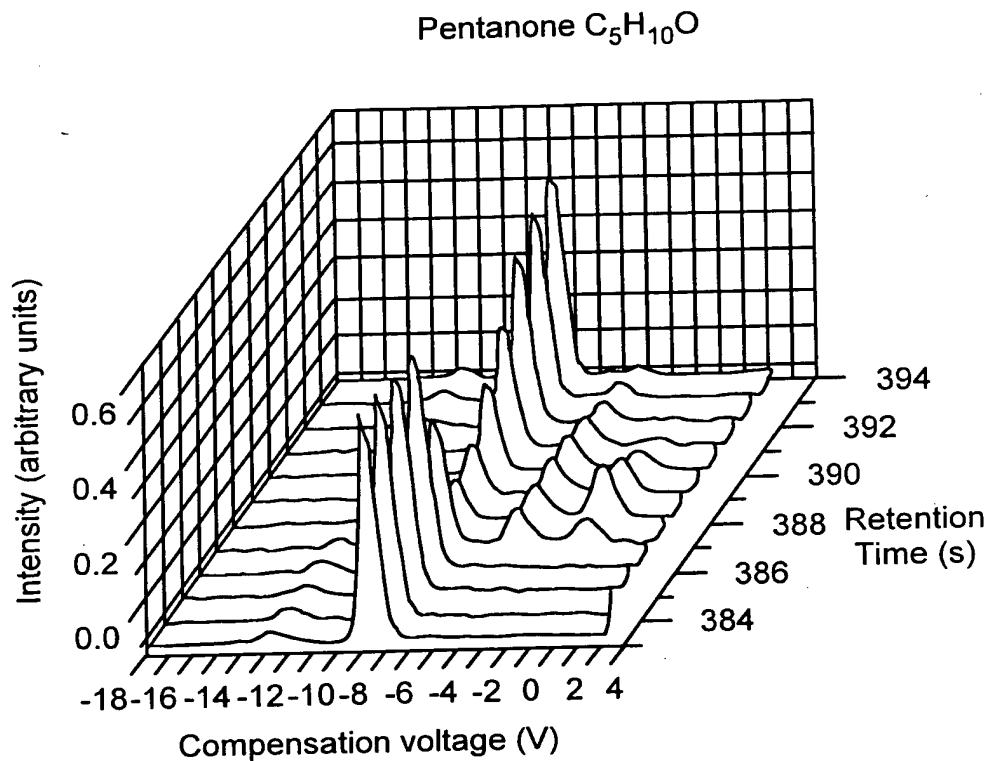


FIG. 15

19/39

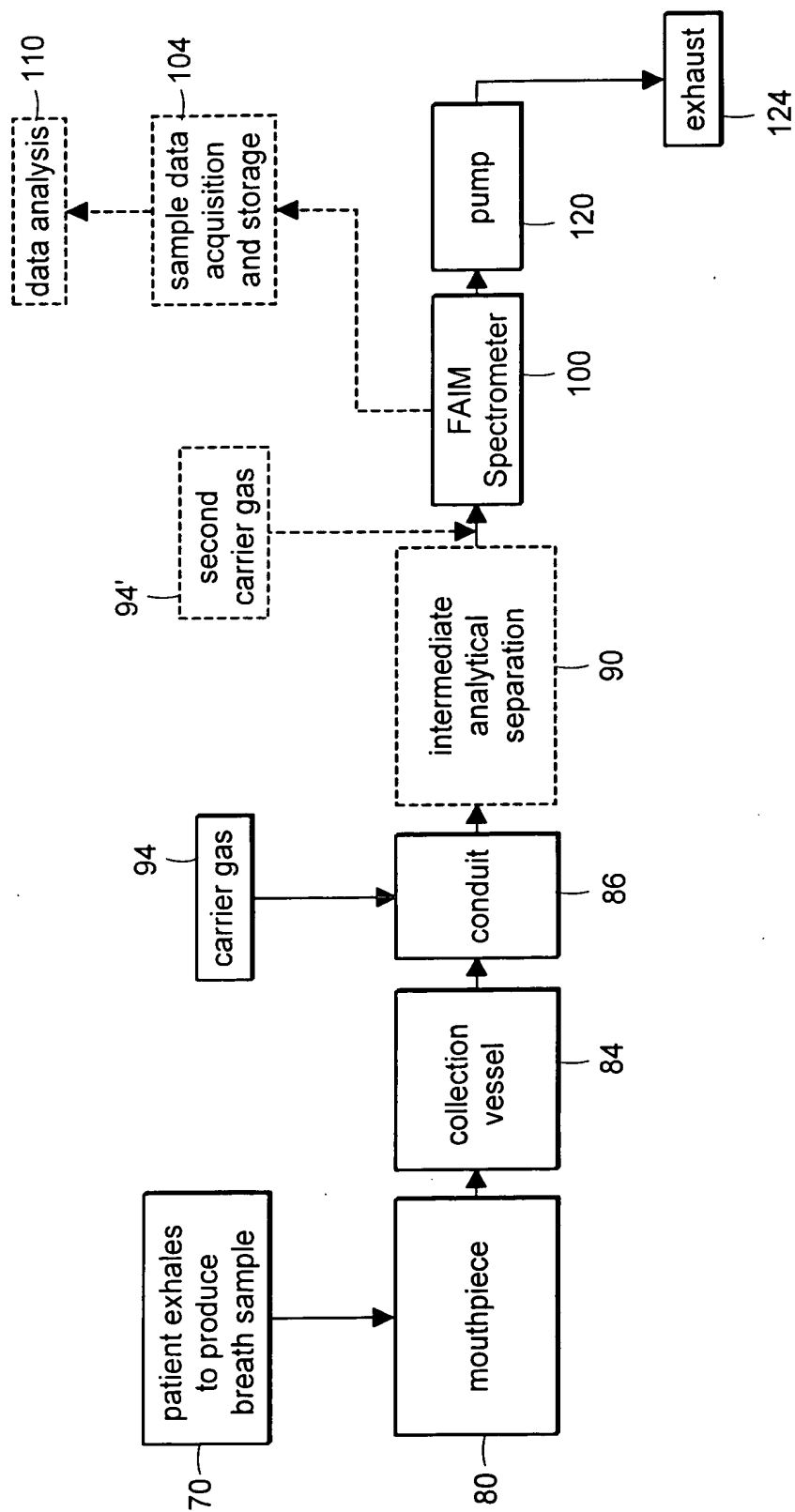


FIG. 16A

20/39

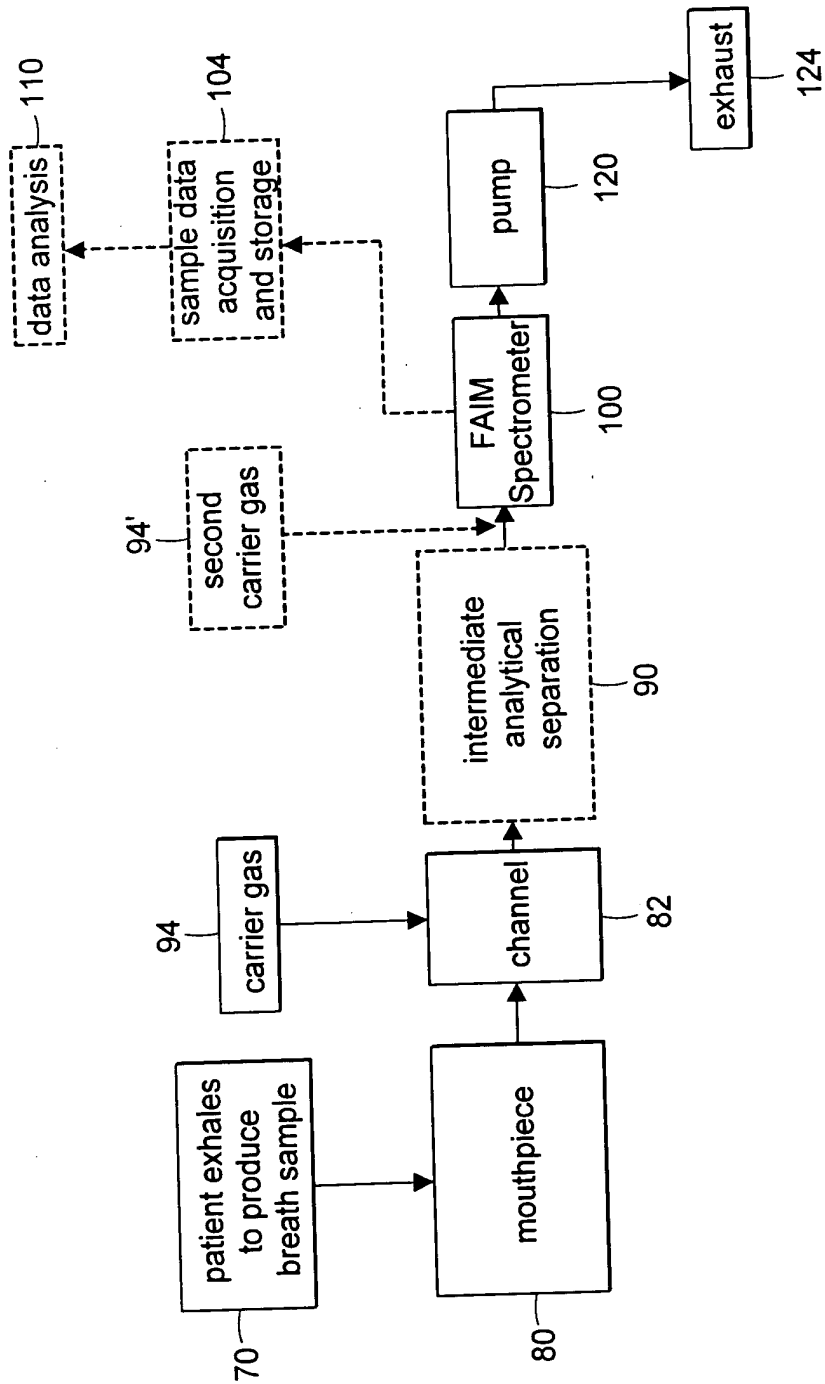


FIG. 16B

21/39

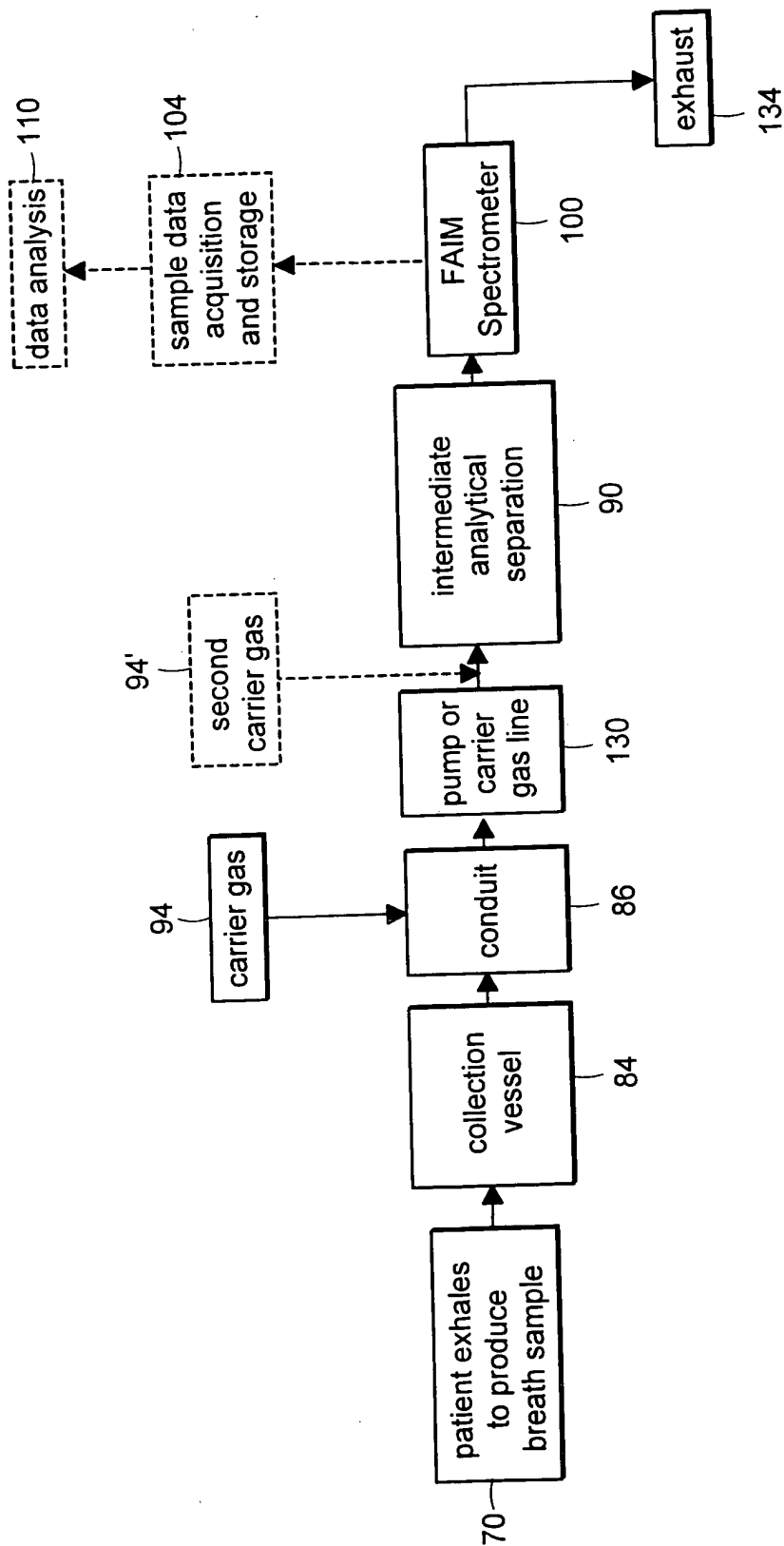


FIG. 16C

22/39

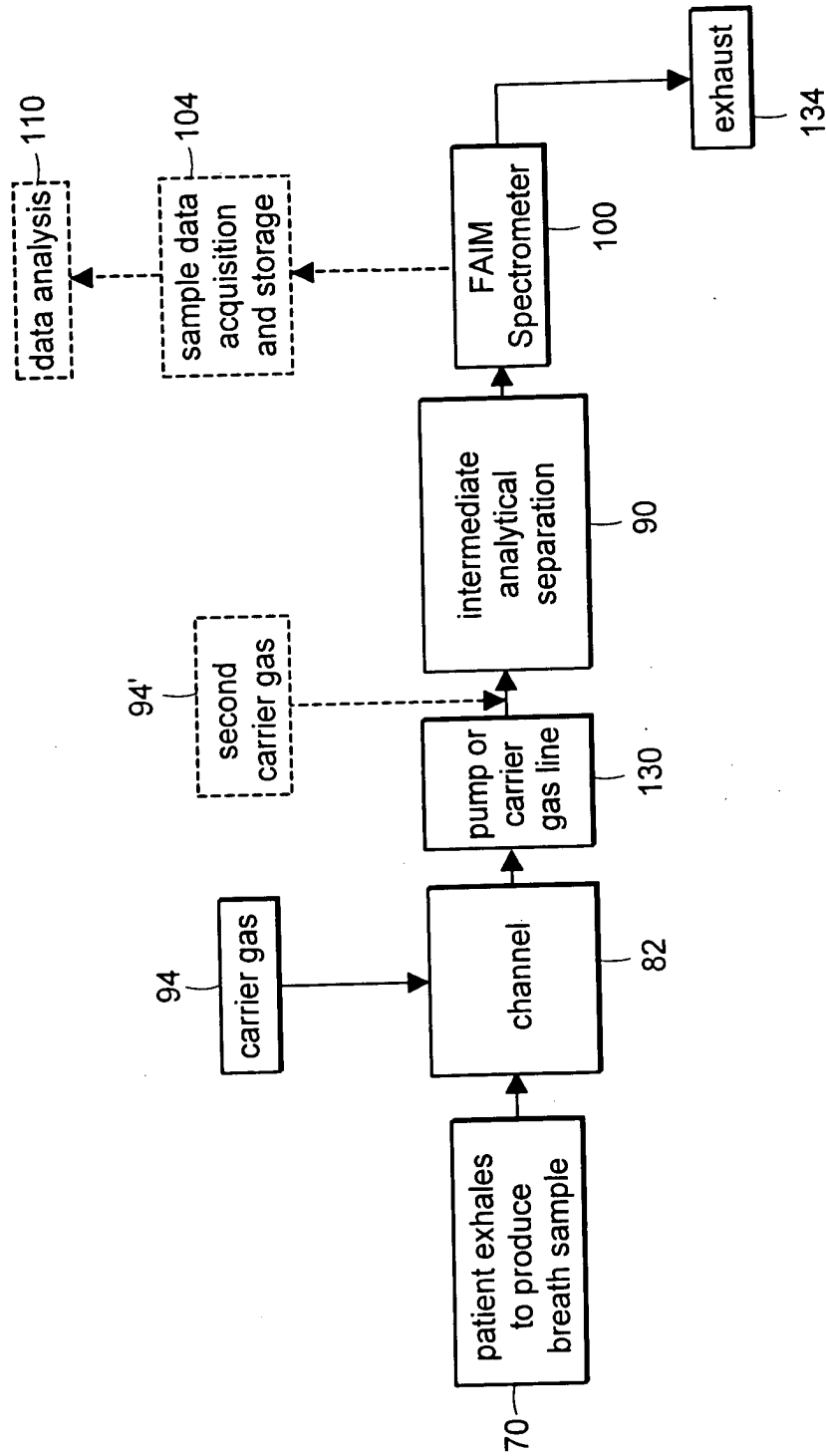


FIG. 16D

23/39

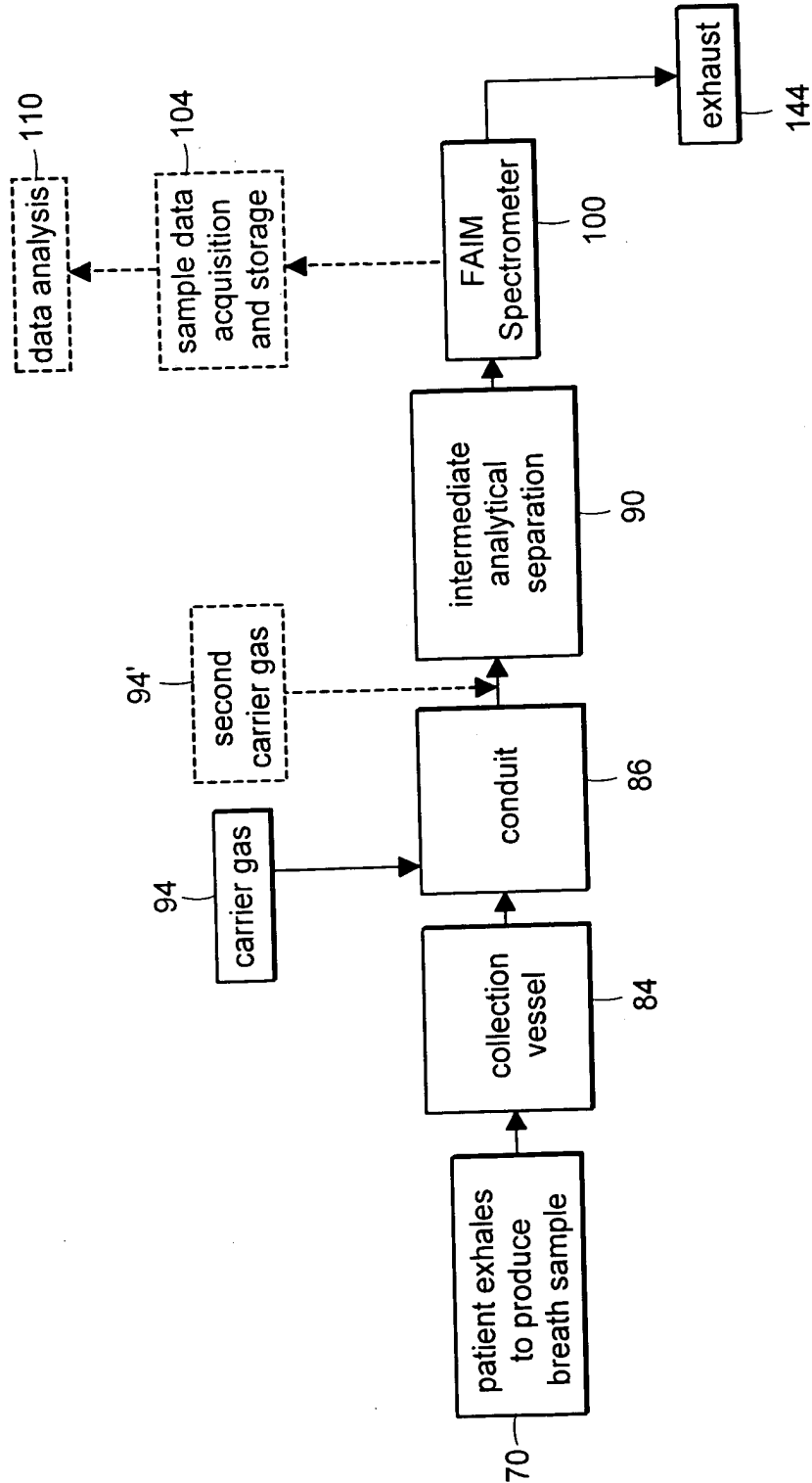


FIG. 16E

24/39

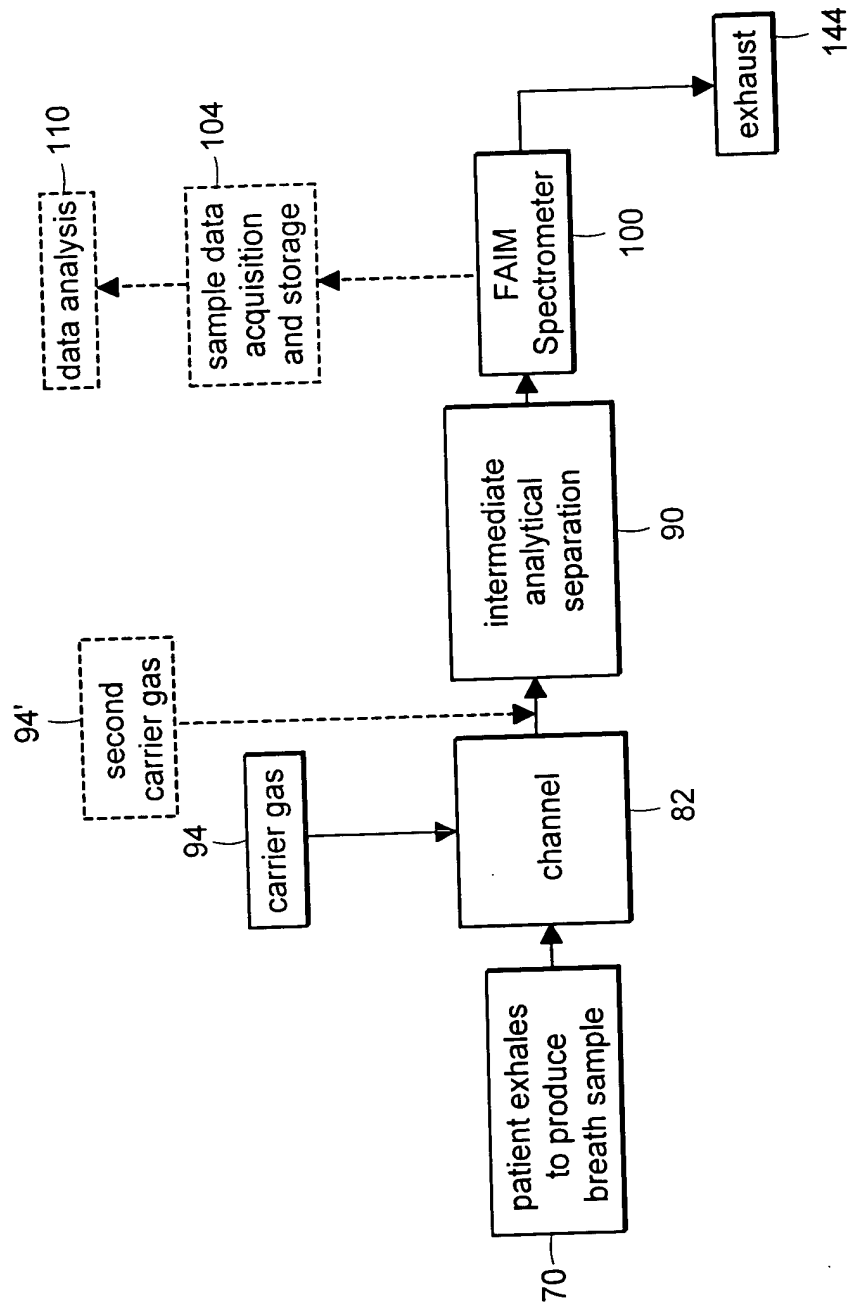


FIG. 16F



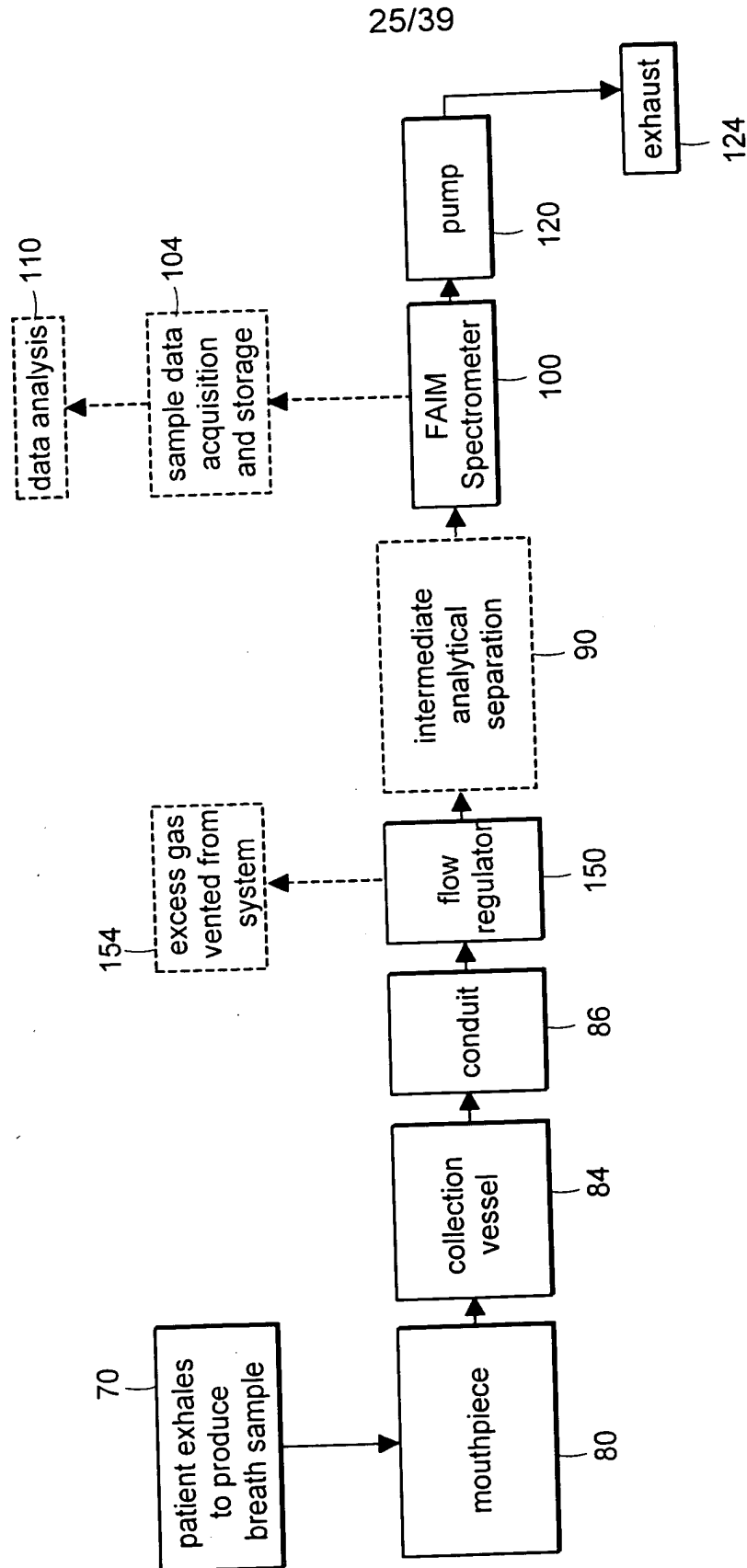


FIG. 16G

26/39

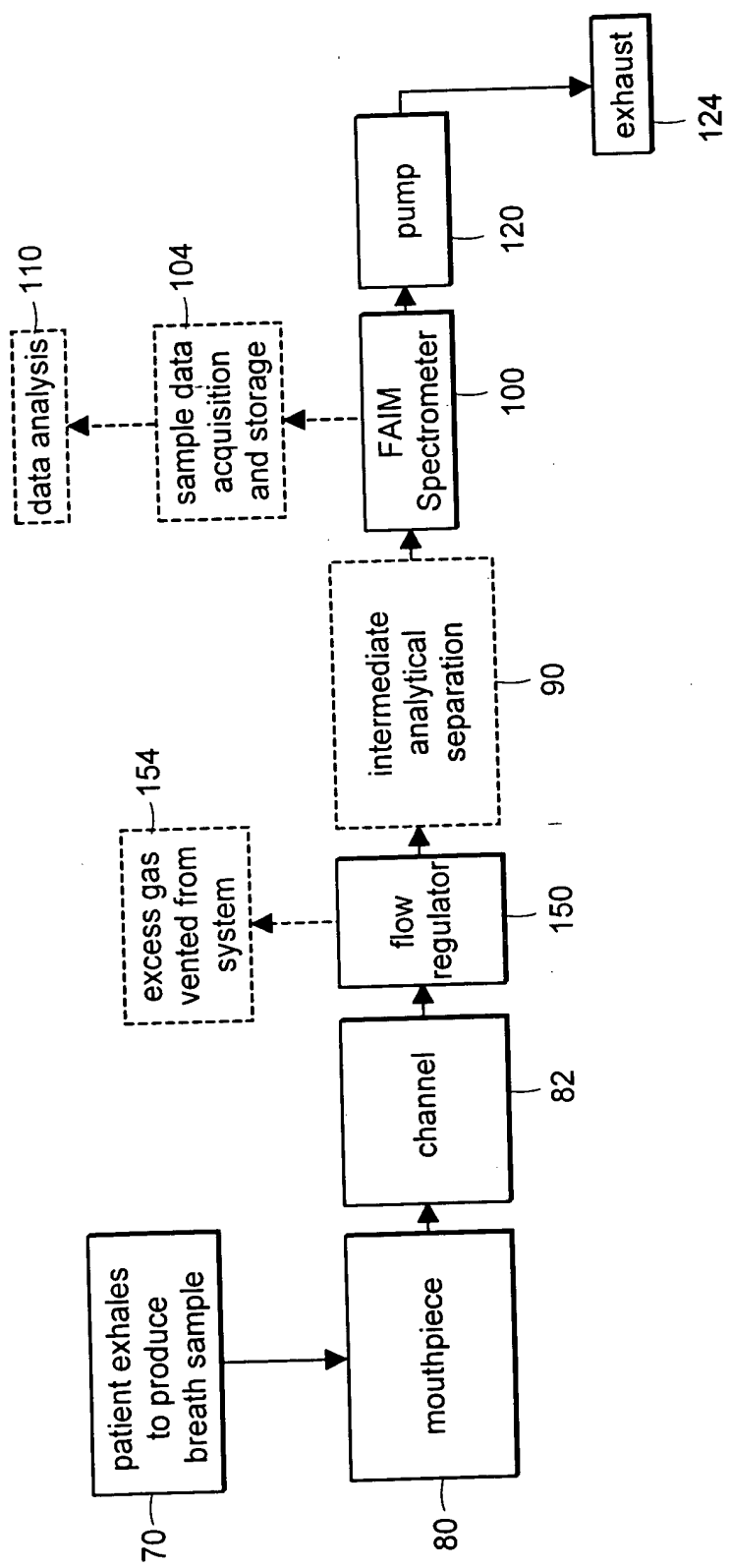
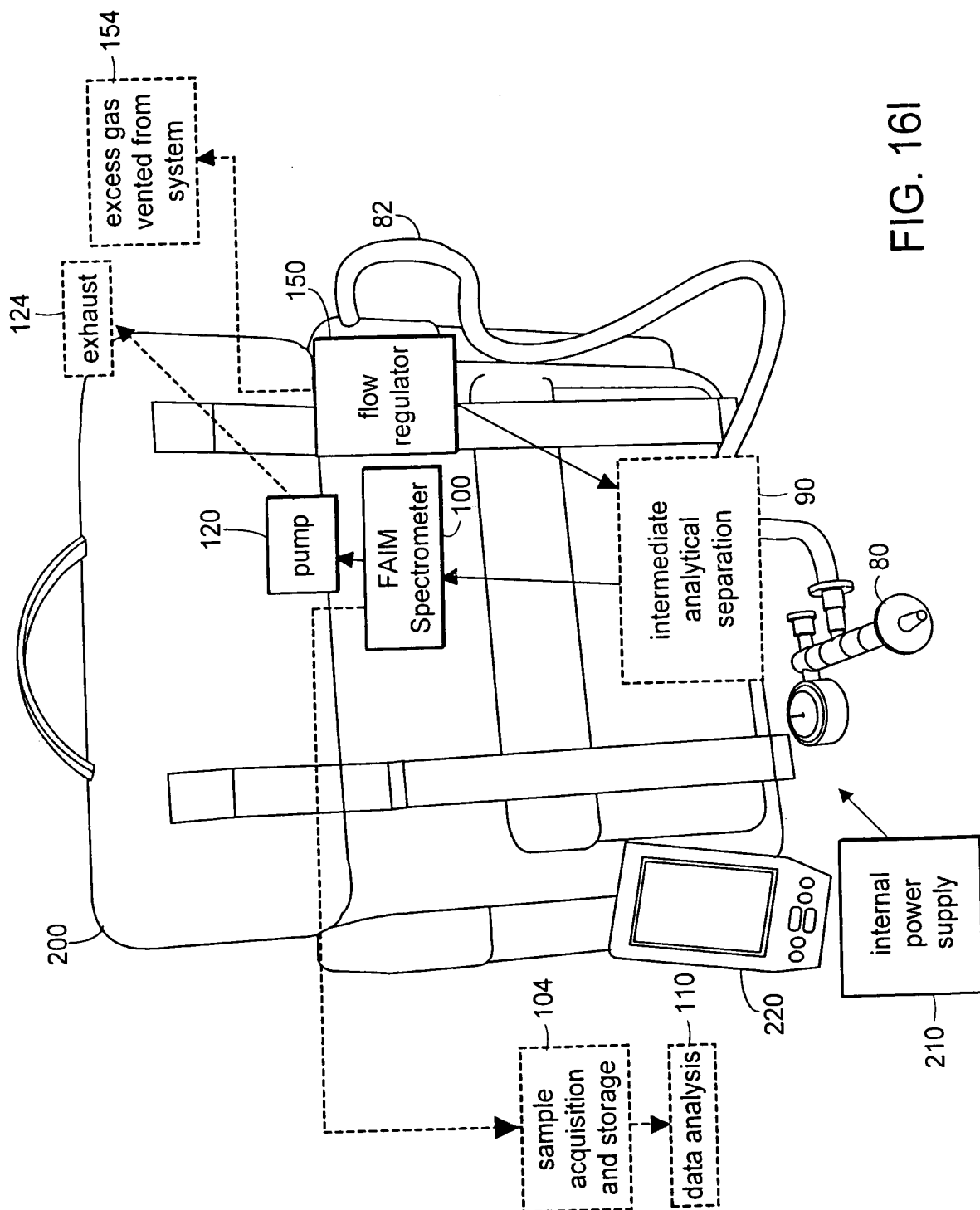


FIG. 16H

27/39



28/39

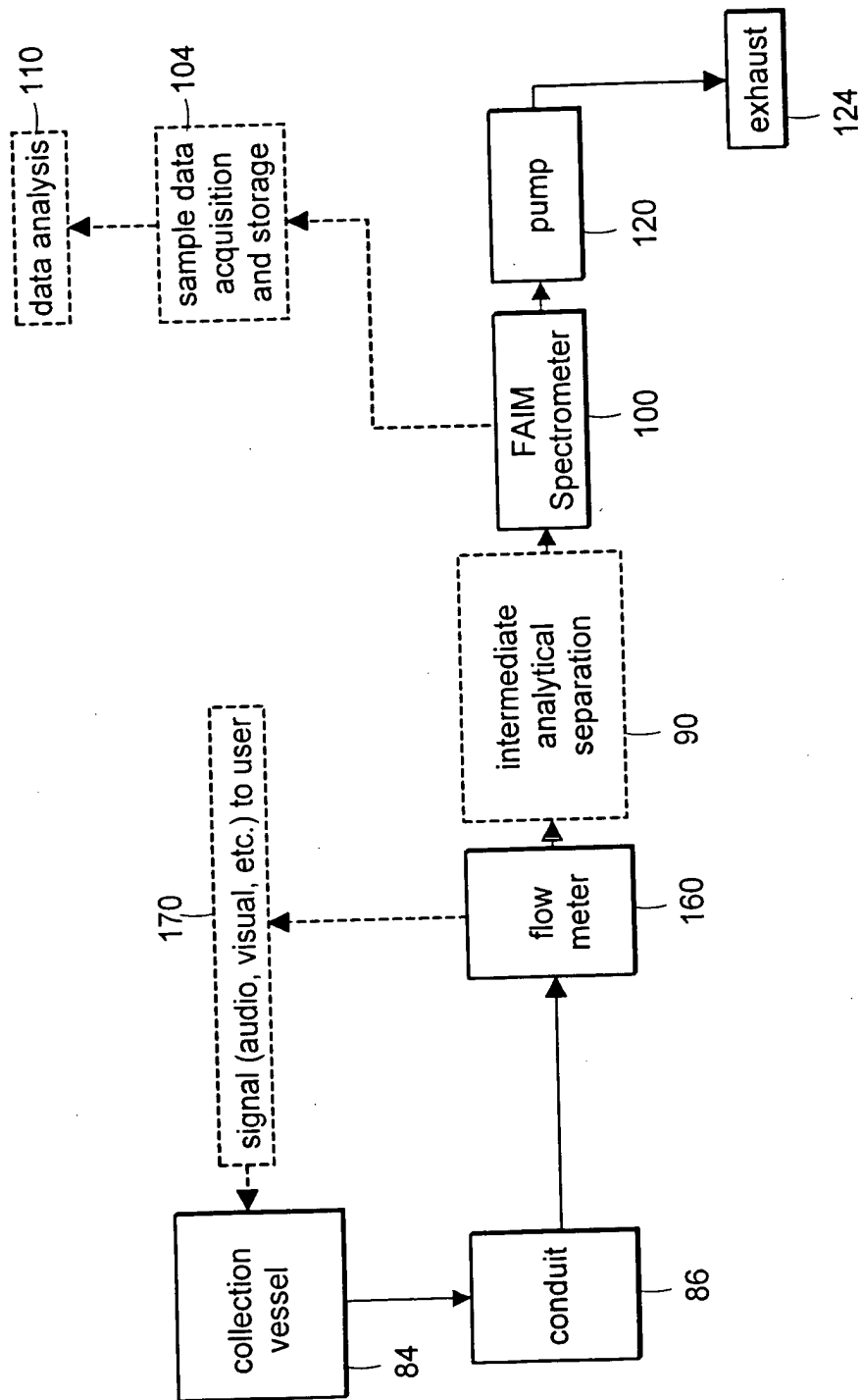


FIG. 16J

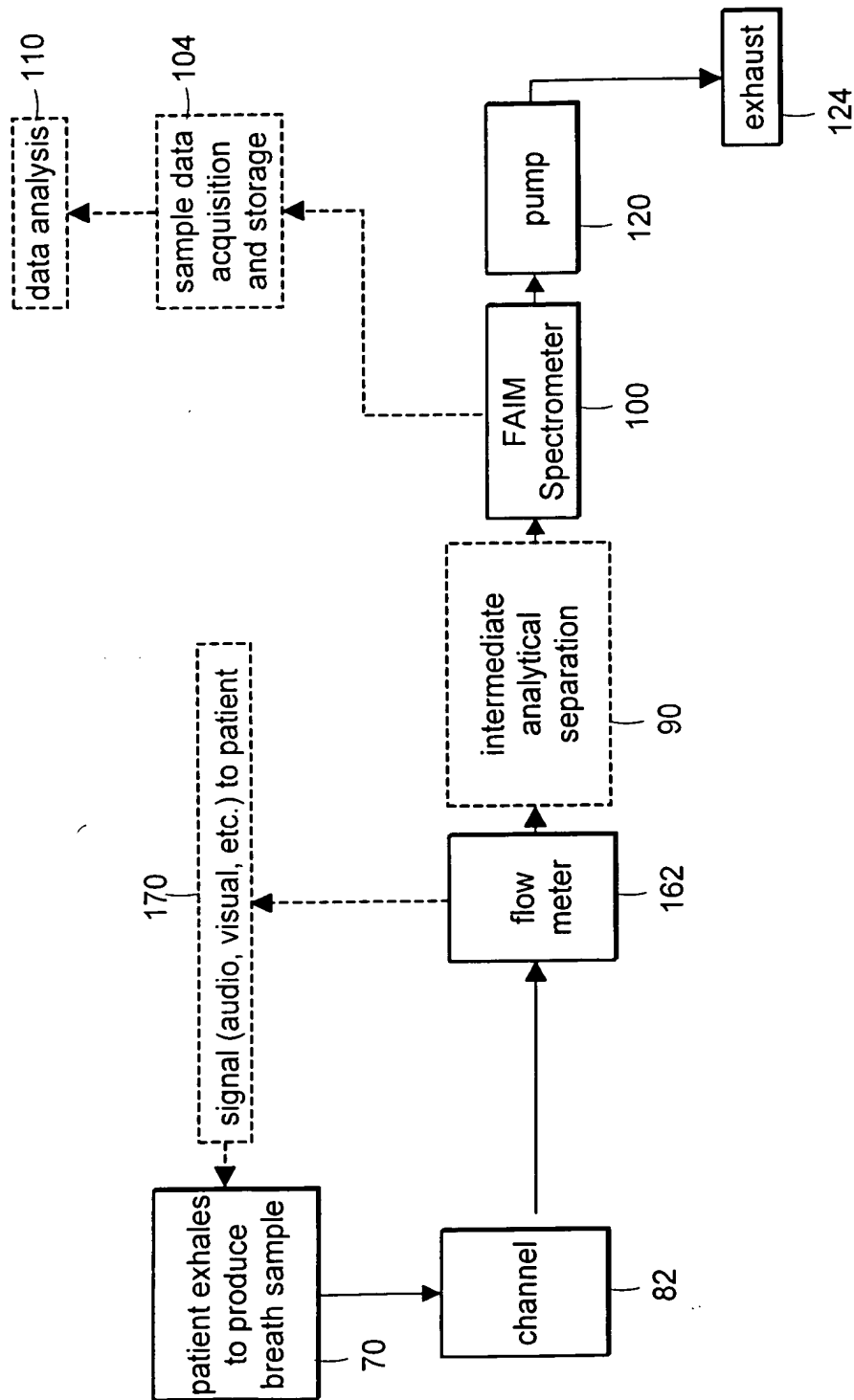


FIG. 16K

30/39

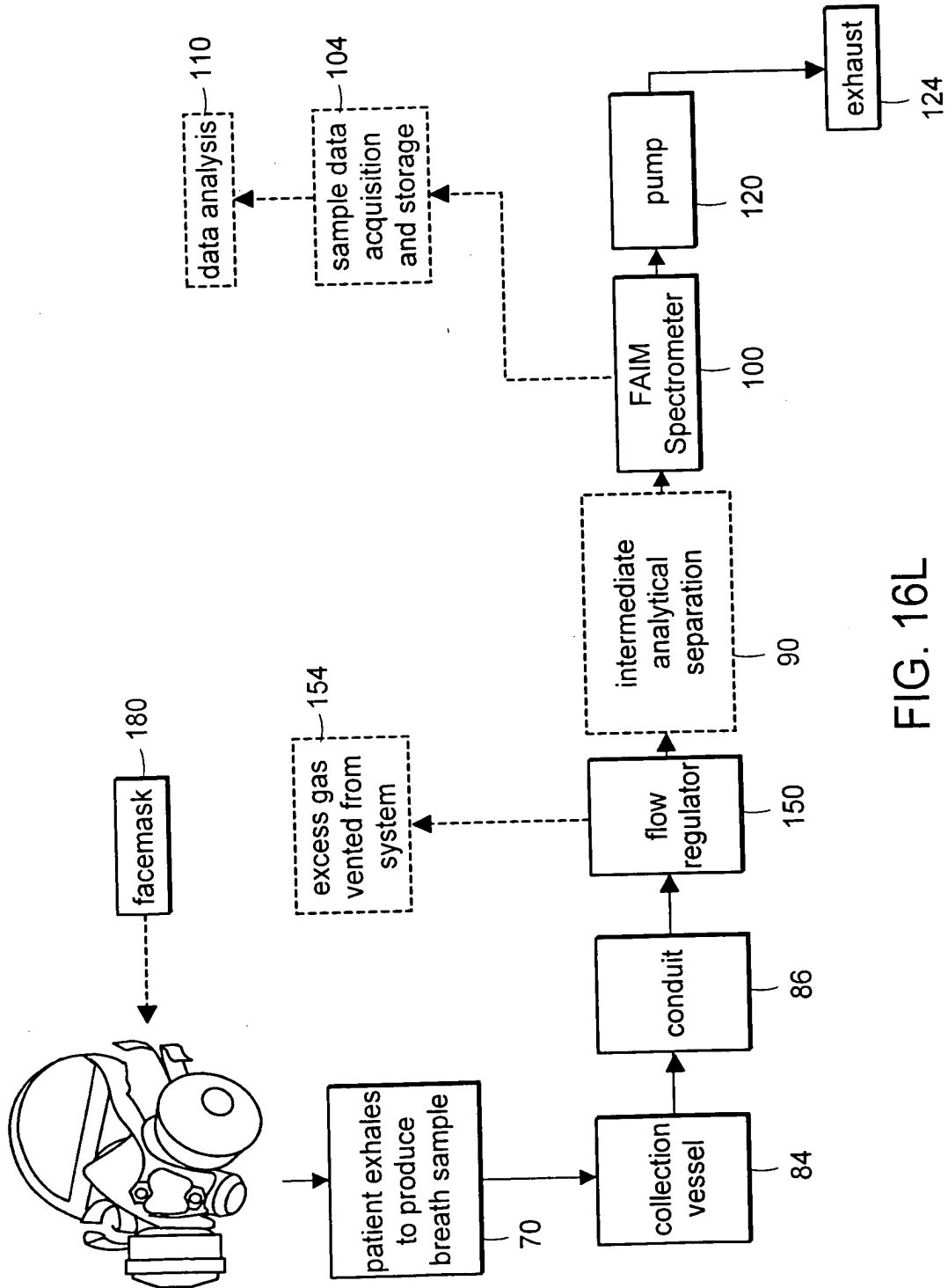


FIG. 16L

31/39

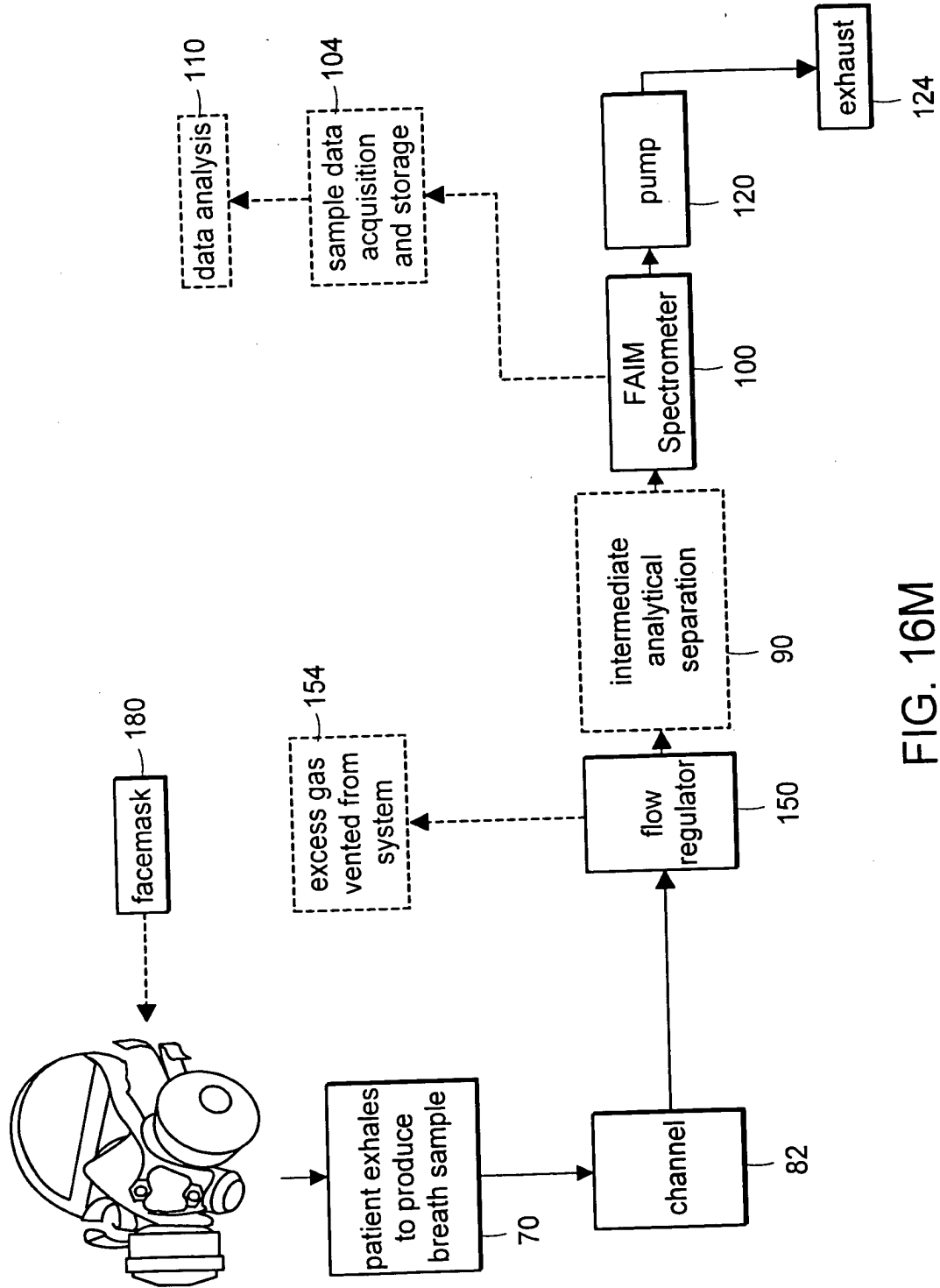


FIG. 16M

32/39

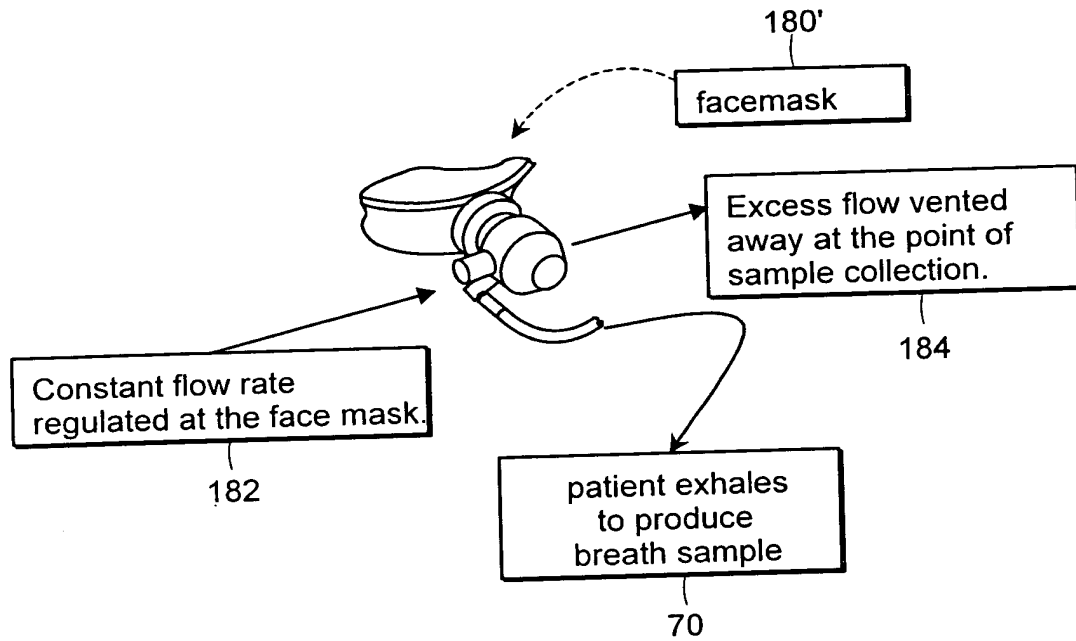
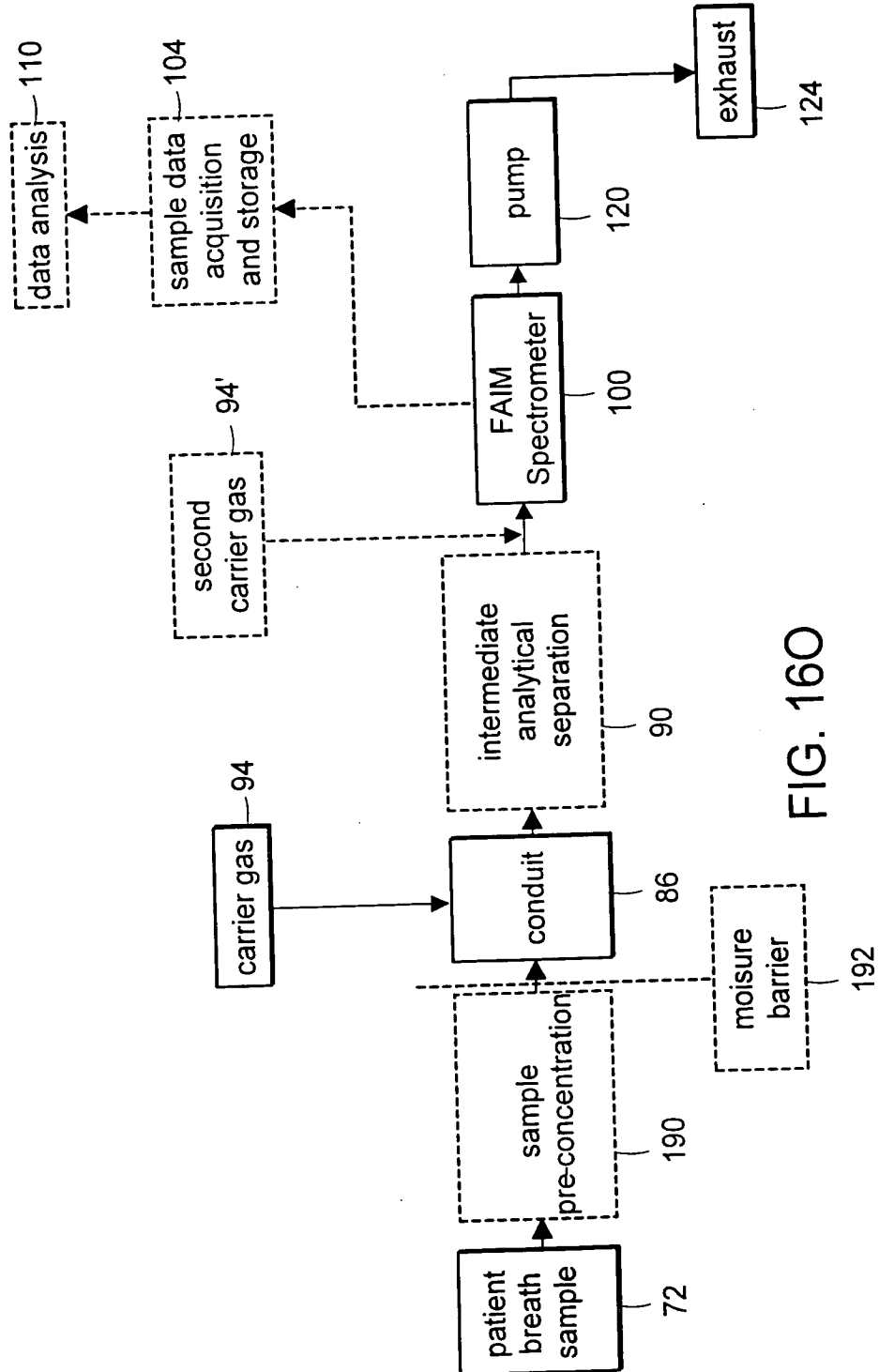


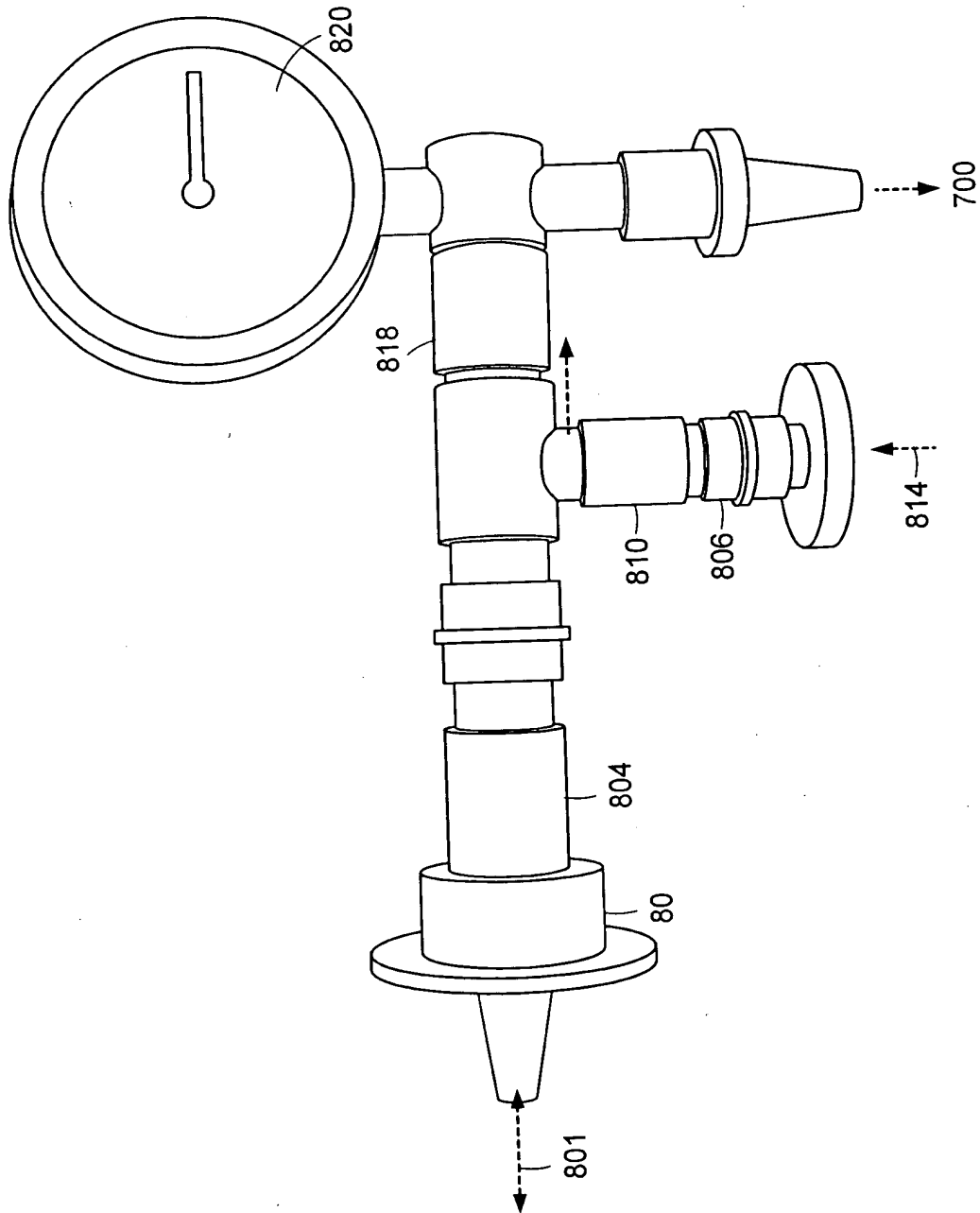
FIG. 16N



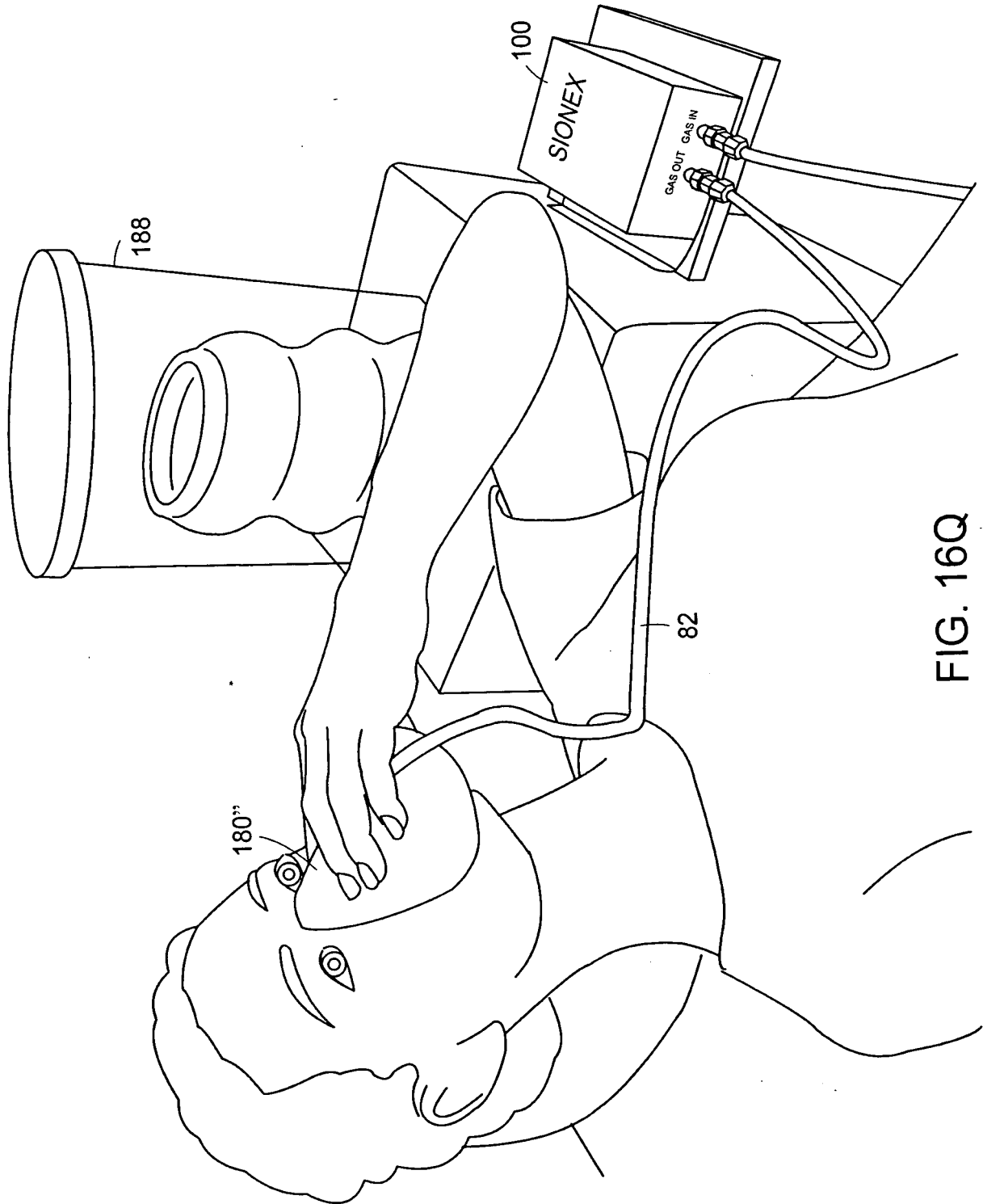
33/39



34/39



35/39



36/39

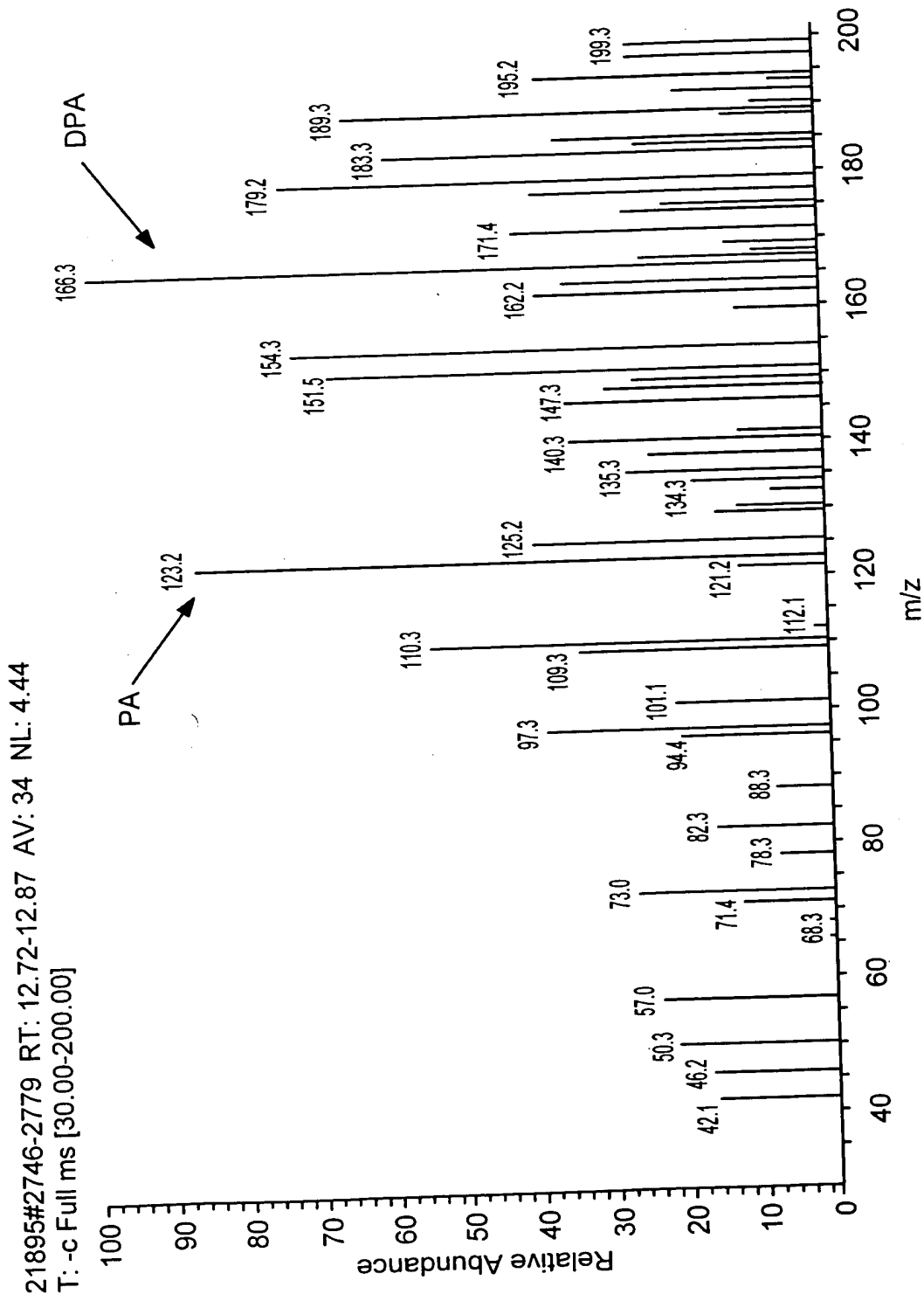


FIG. 17

37/39

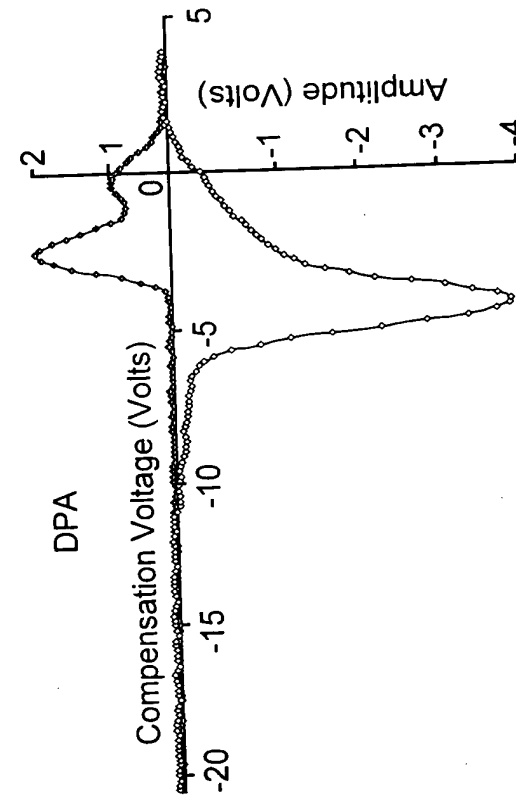


FIG. 18B

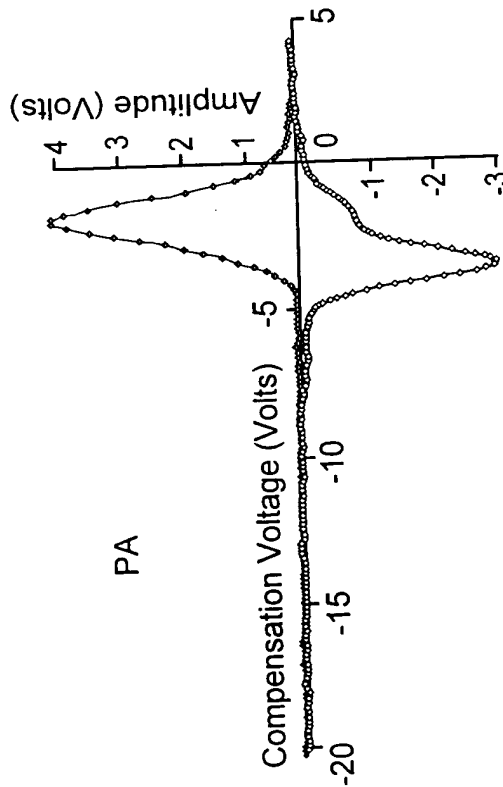


FIG. 18A

38/39

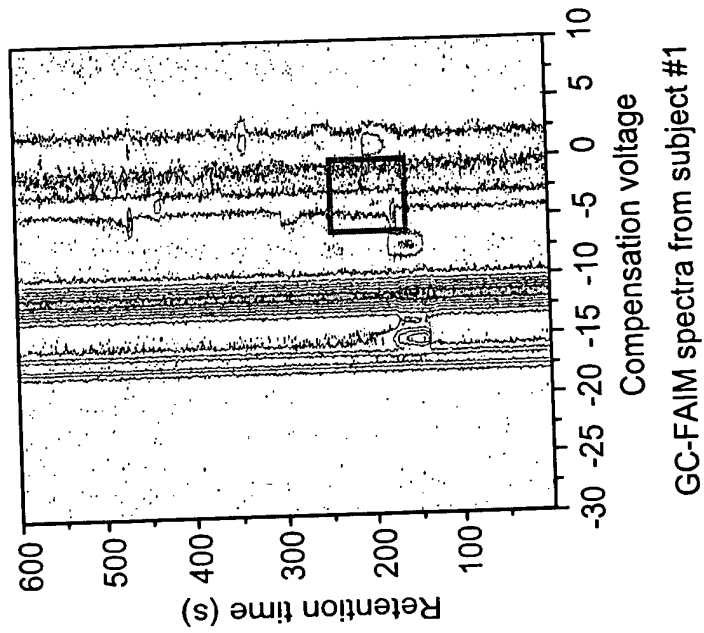


FIG. 19B

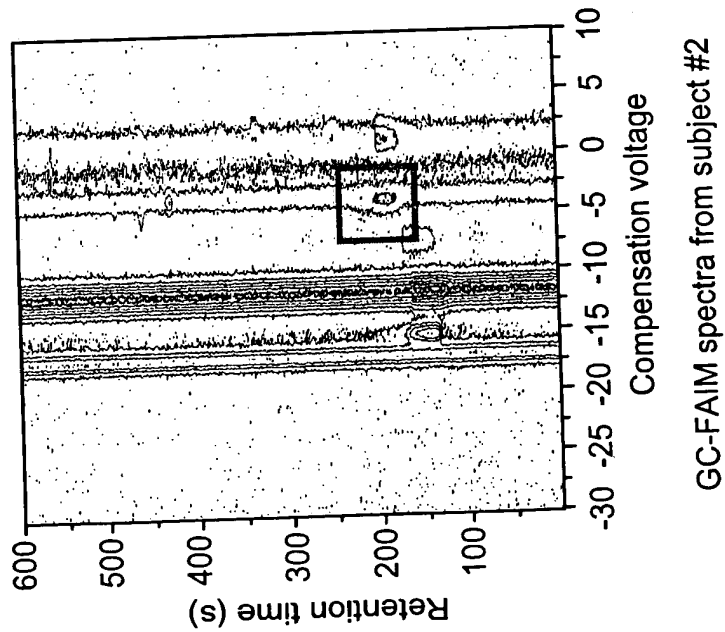
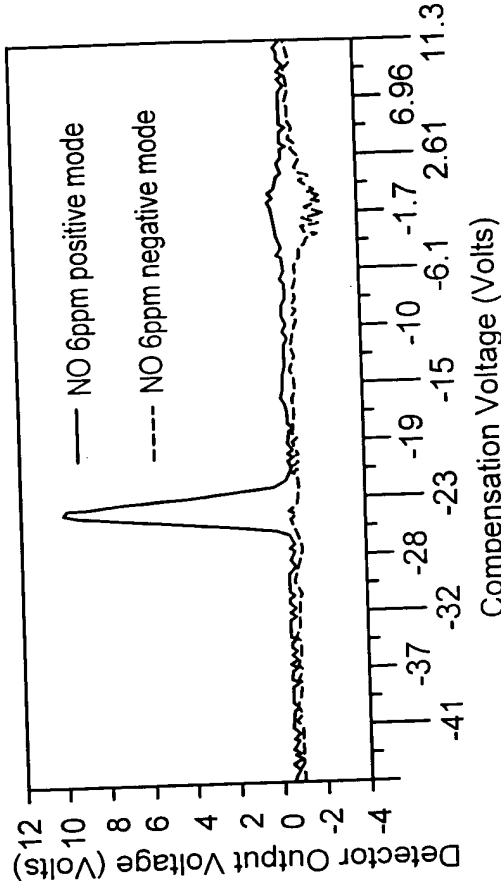


FIG. 19A



39/39

FIG. 20B

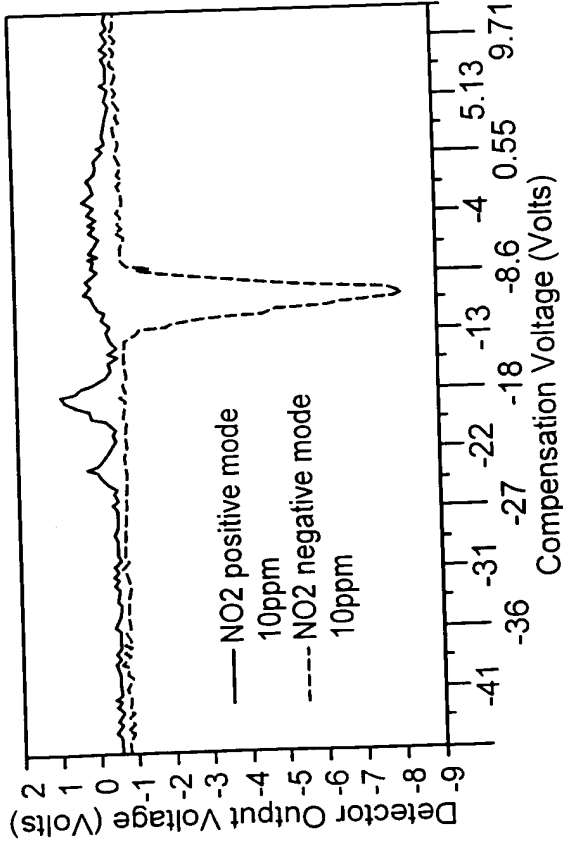


FIG. 20A

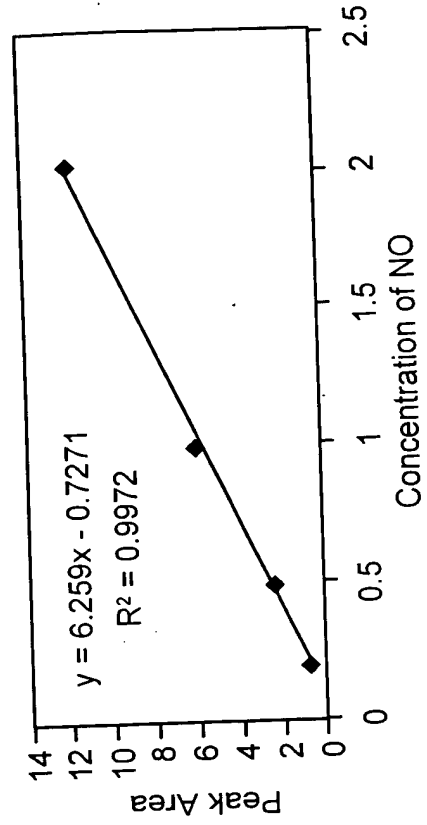


FIG. 20D

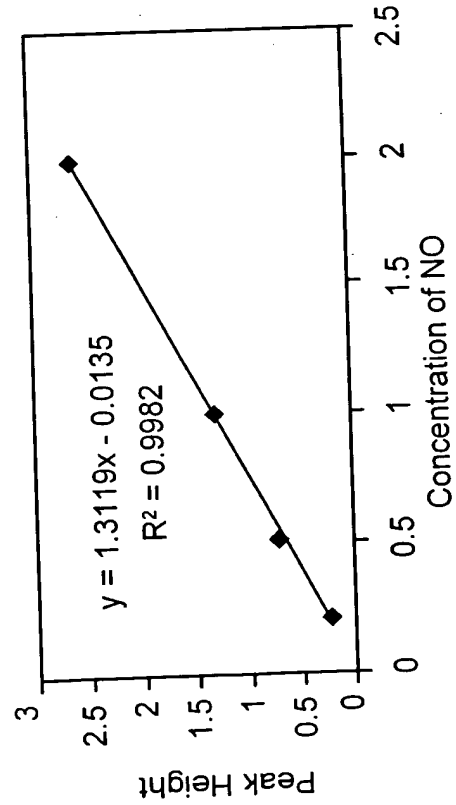


FIG. 20C